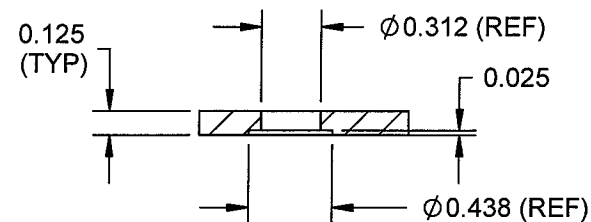
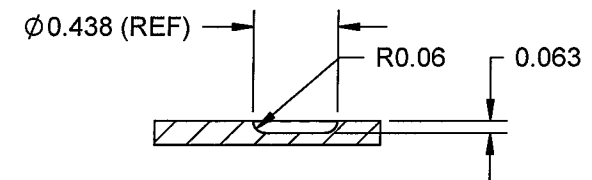
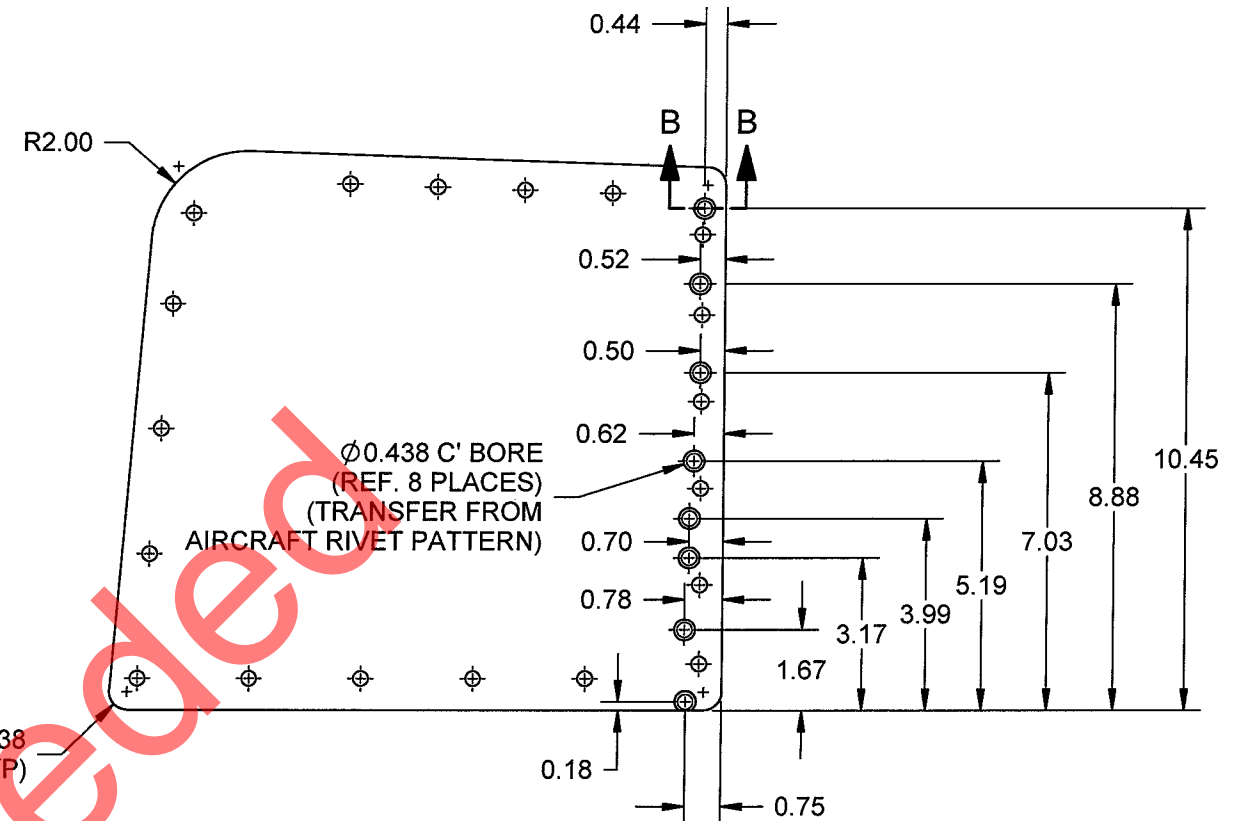


DIMENSIONS BETWEEN HOLES ARE PROVIDED FOR REFERENCE ONLY
TRANSFER $\phi 0.313$ HOLES FROM AIRCRAFT



SECTION A-A
(19 PLACES TOP SIDE)
SCALE 1 : 1



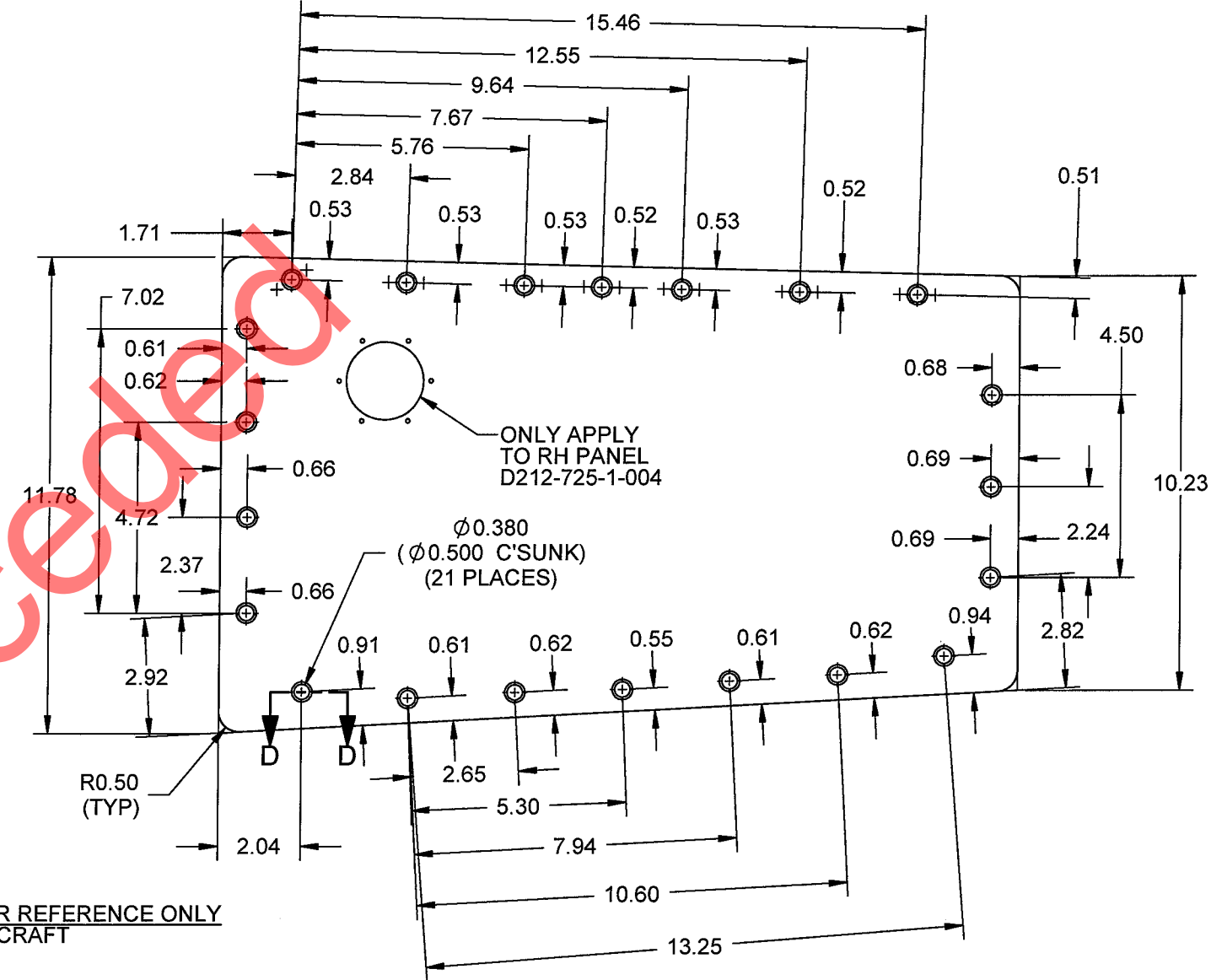
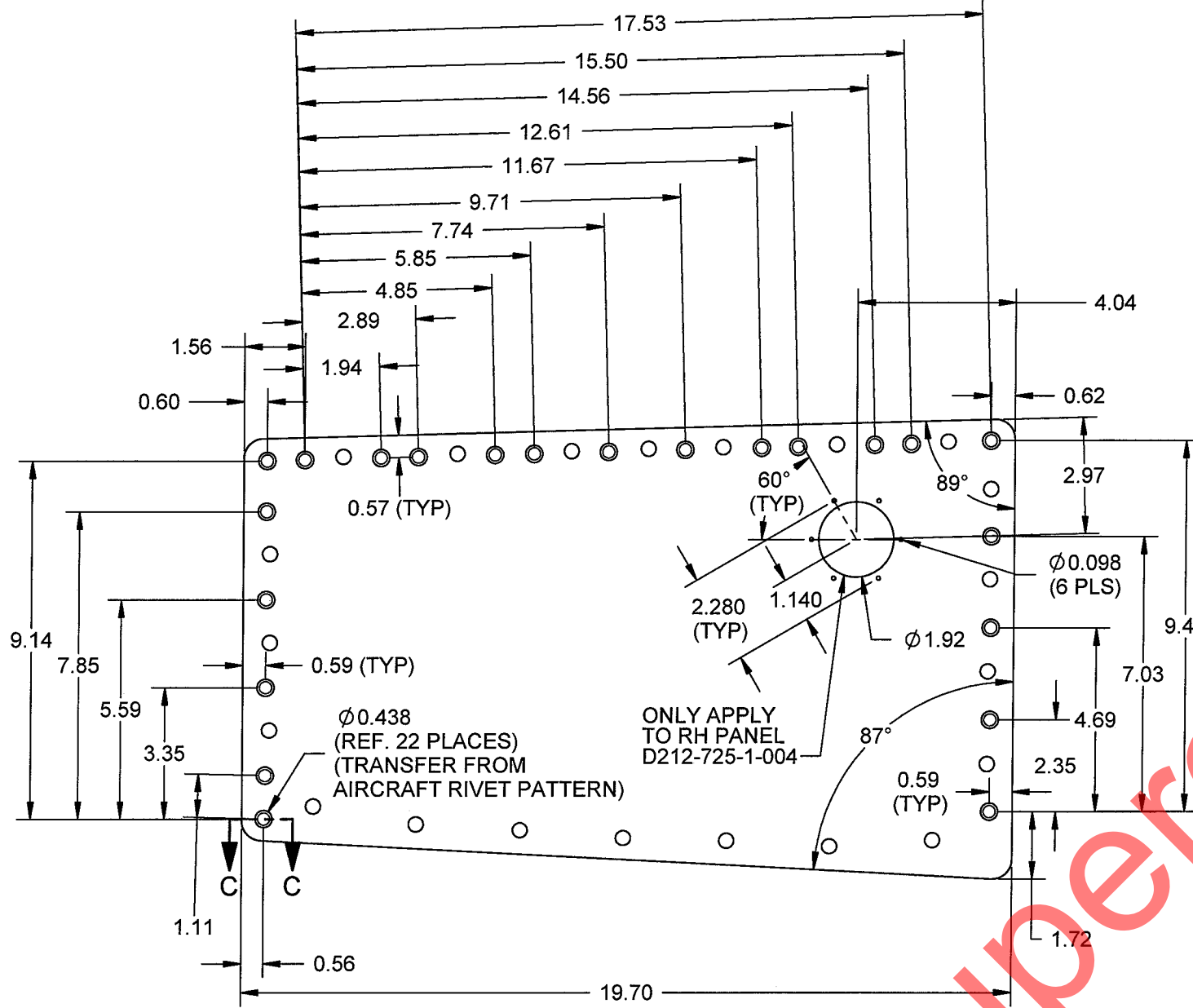
SECTION B-B
(8 PLACES BACK SIDE)
SCALE 1 : 1

D212-725-1-001 PANEL (SHOWN)
D212-725-1-002 OPPOSITE

NOTES:

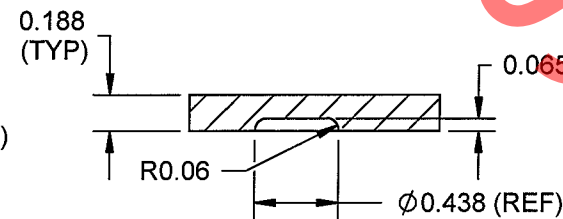
- 1) MATERIAL: 2024-T3 (QQ-A-250/4) 0.125 THICK, (REF. DART SPEC. M2024T3S.125)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 1 OF 44 SCALE 1:4
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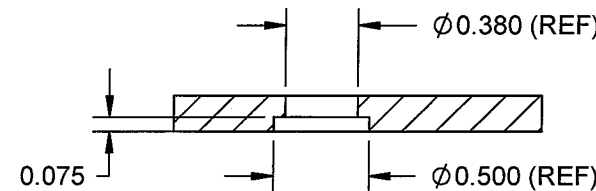


DIMENSIONS BETWEEN HOLES ARE PROVIDED FOR REFERENCE ONLY
TRANSFER $\phi 0.380$ HOLES FROM AIRCRAFT

SECTION C-C
(22 PLACES BACK SIDE)
SCALE 1:1



D212-725-1-003 PANEL (SHOWN)
D212-725-1-004 OPPOSITE

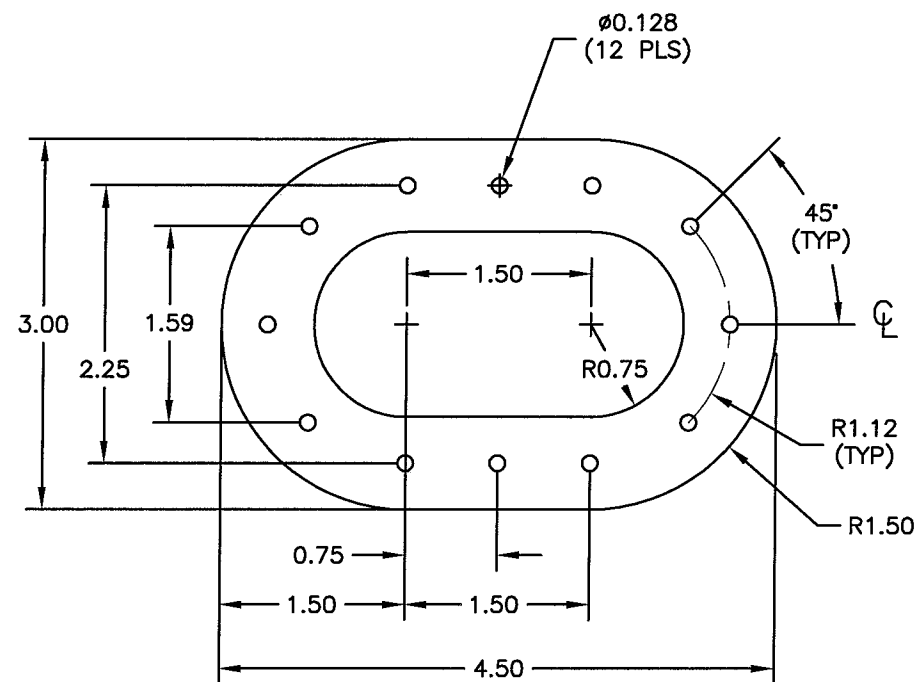


SECTION D-D
(21 PLACES TOP SIDE)
SCALE 1:1

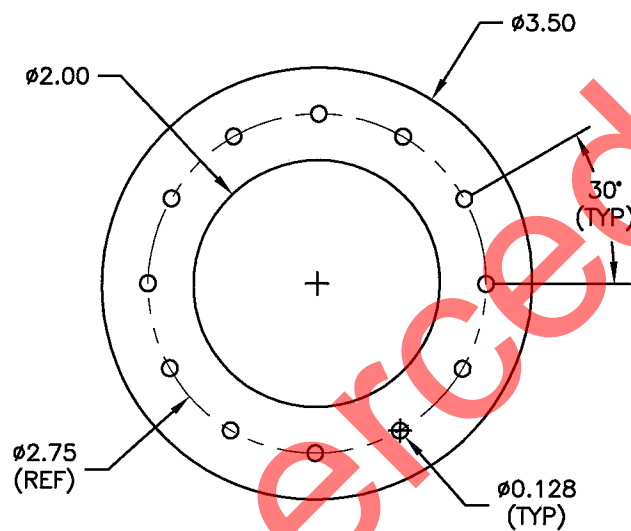
NOTES:

- 1) MATERIAL: 6061-T6 SHEET 0.188 THICK PER QQ-A-250/11 (REF. DART SPEC. M6061T6S0.188)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

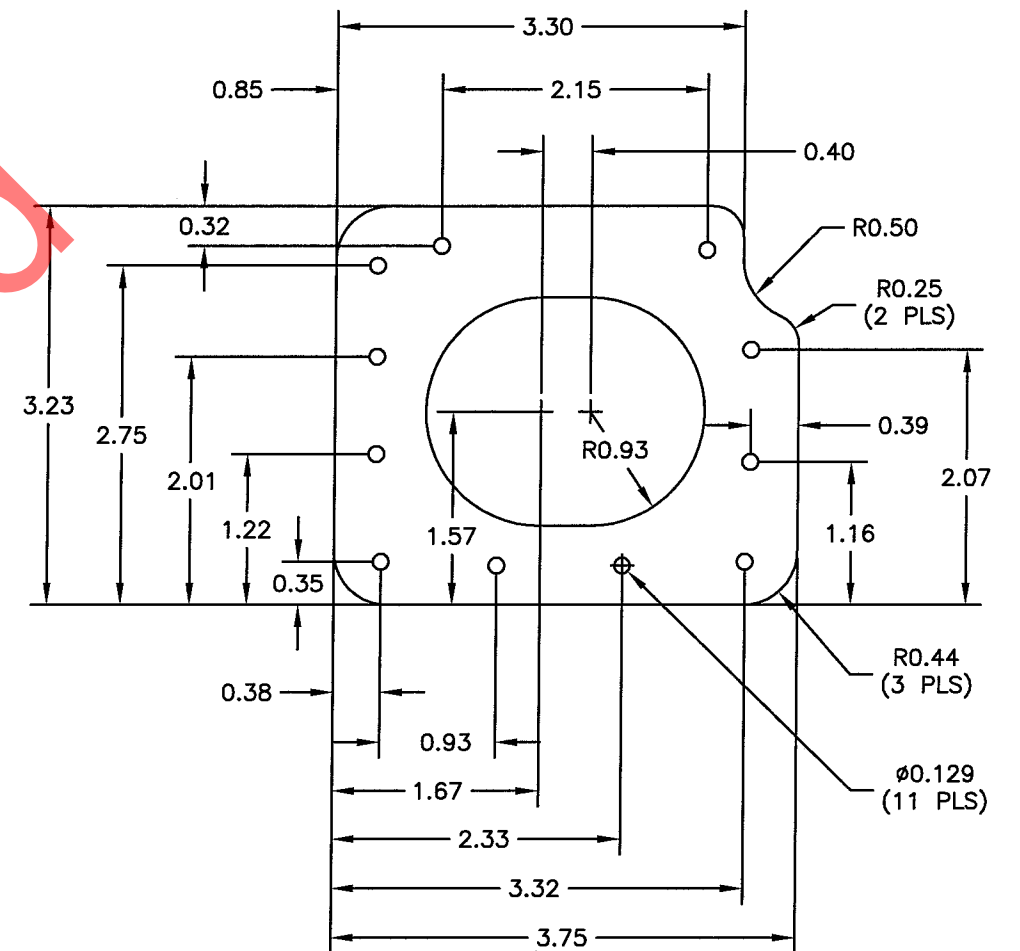
B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 2 OF 44 SCALE 1:4
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D212-725-1-005 DOUBLER



D212-725-1-017A DOUBLER

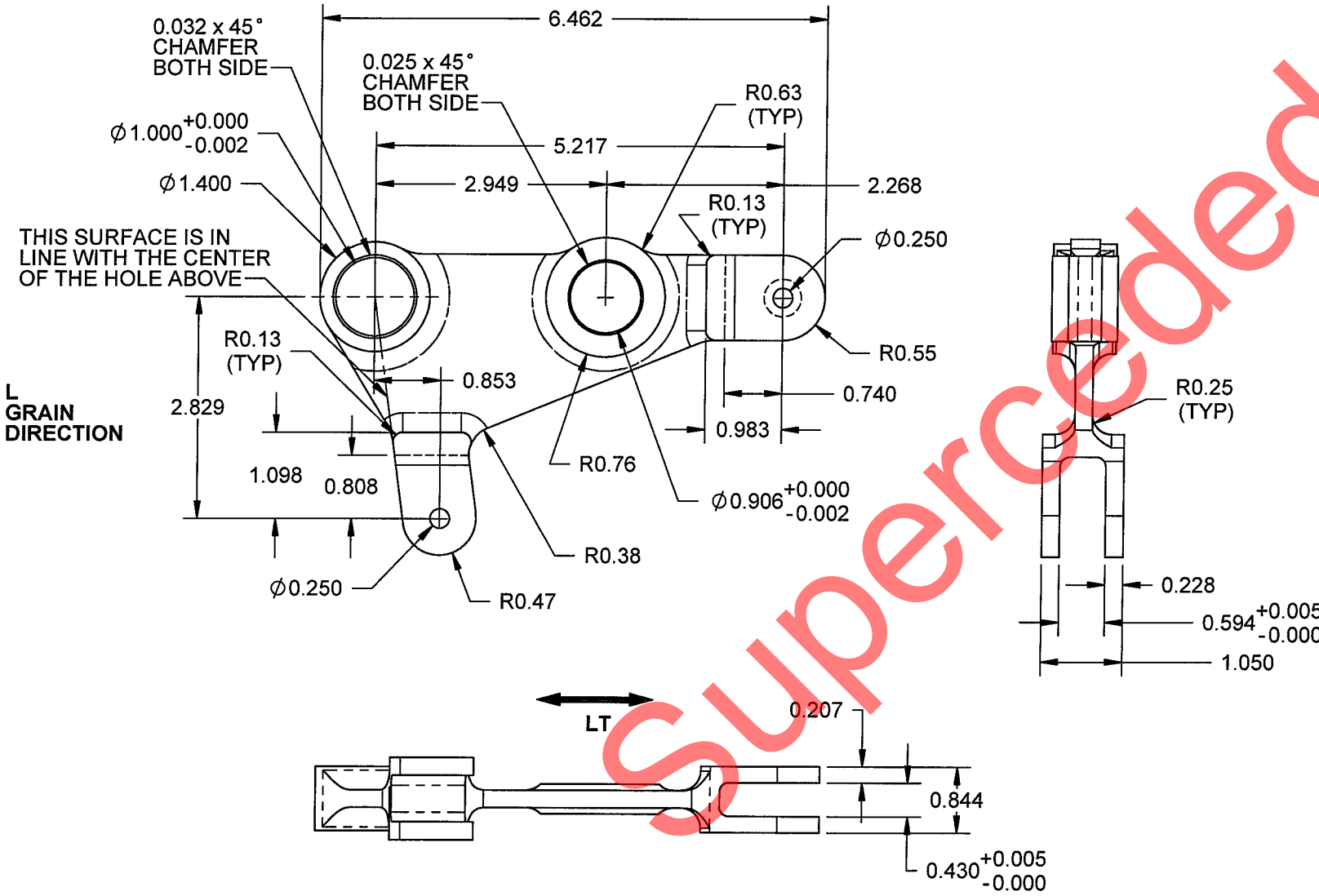
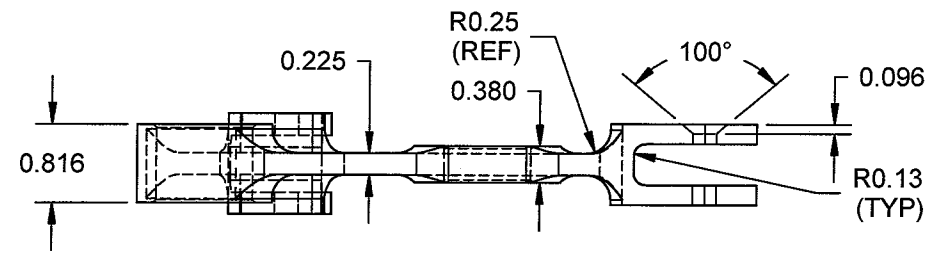


D212-725-1-017B DOUBLER

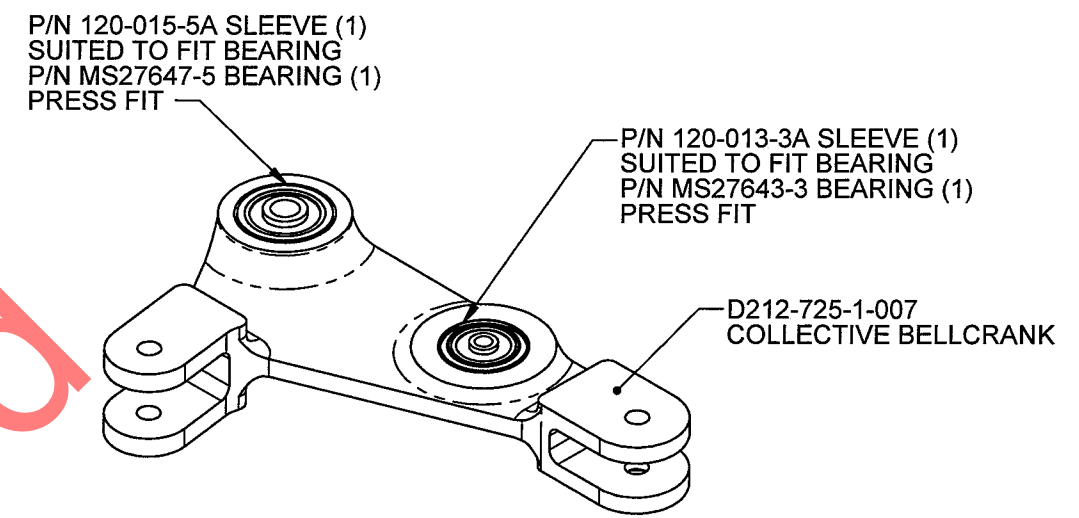
D212-725-1-005/-017A/-017B NOTES:

- 1) MATERIAL: 2024-T3 (QQ-A-250/4) 0.050 ALUMINUM SHEET (REF. DART SPEC. M2024T3S0.050)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN DS	DRAWN BY RF	DART DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11		REV. B SHEET 3 OF 44 TITLE 212S DETAIL PARTS SCALE NTS




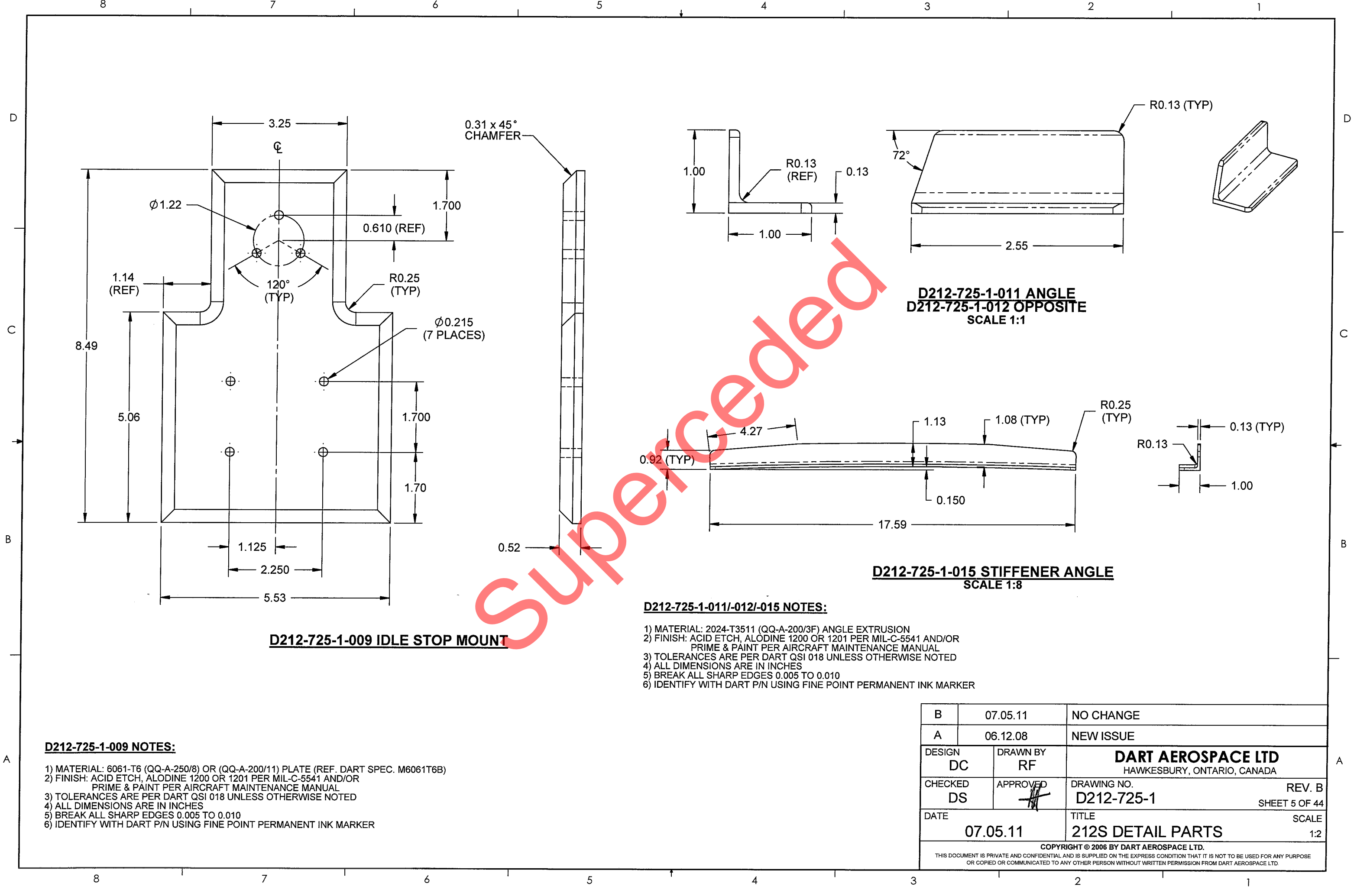
D212-725-1-007 COLLECTIVE BELLCRANK



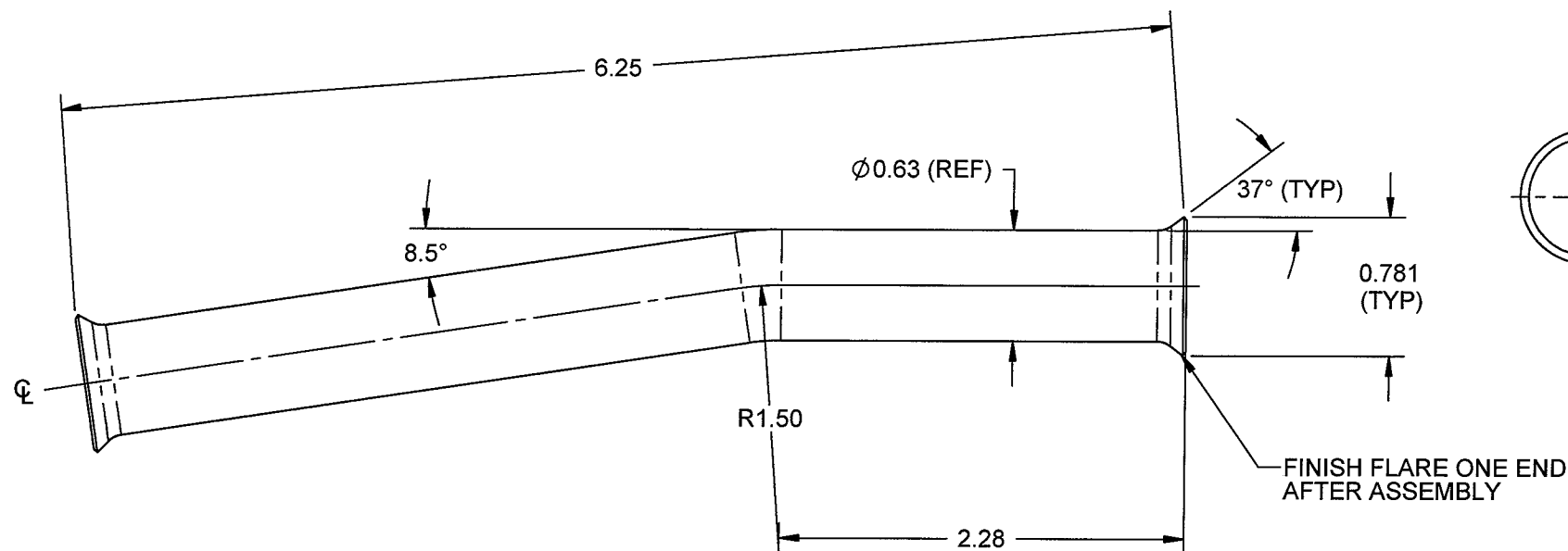
D212-725-1-901 COLLECTIVE BELLCRANK ASS'Y

- NOTES:**
- 1) MATERIAL: ALUMINUM 7075-T7351 (QQ-A-250/12)
 - 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
 - 3) LPI PER ASTM 1417 LEVEL 2
 - 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 5) ALL DIMENSIONS ARE IN INCHES
 - 6) BREAK ALL SHARP EDGES 0.005 TO 0.010
 - 7) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

B	07.05.11	UPDATE MATERIAL & GRAIN DIRECTION	
A	06.12.08	NEW ISSUE	
DESIGN DC	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1	REV. B SHEET 4 OF 44
DATE 07.05.11		TITLE 212S DETAIL PARTS	SCALE 1:2
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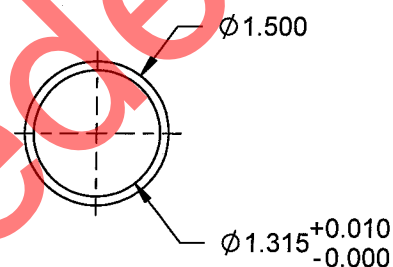


B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN DC	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1 REV. B SHEET 5 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:2
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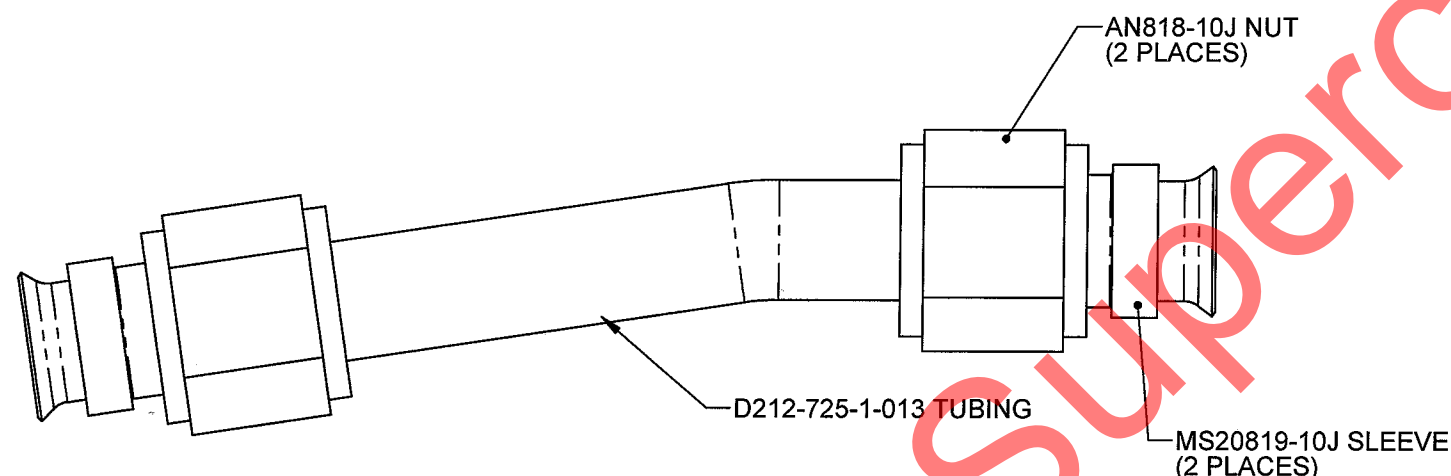


D212-725-1-013 TUBING
MANUFACTURE PER TEMPLATE DT8906

D212-725-1-025 SPACER
SCALE 1:2



D212-725-1-027 SPACER
SCALE 1:2



D212-725-1-903 TUBE ASSEMBLY

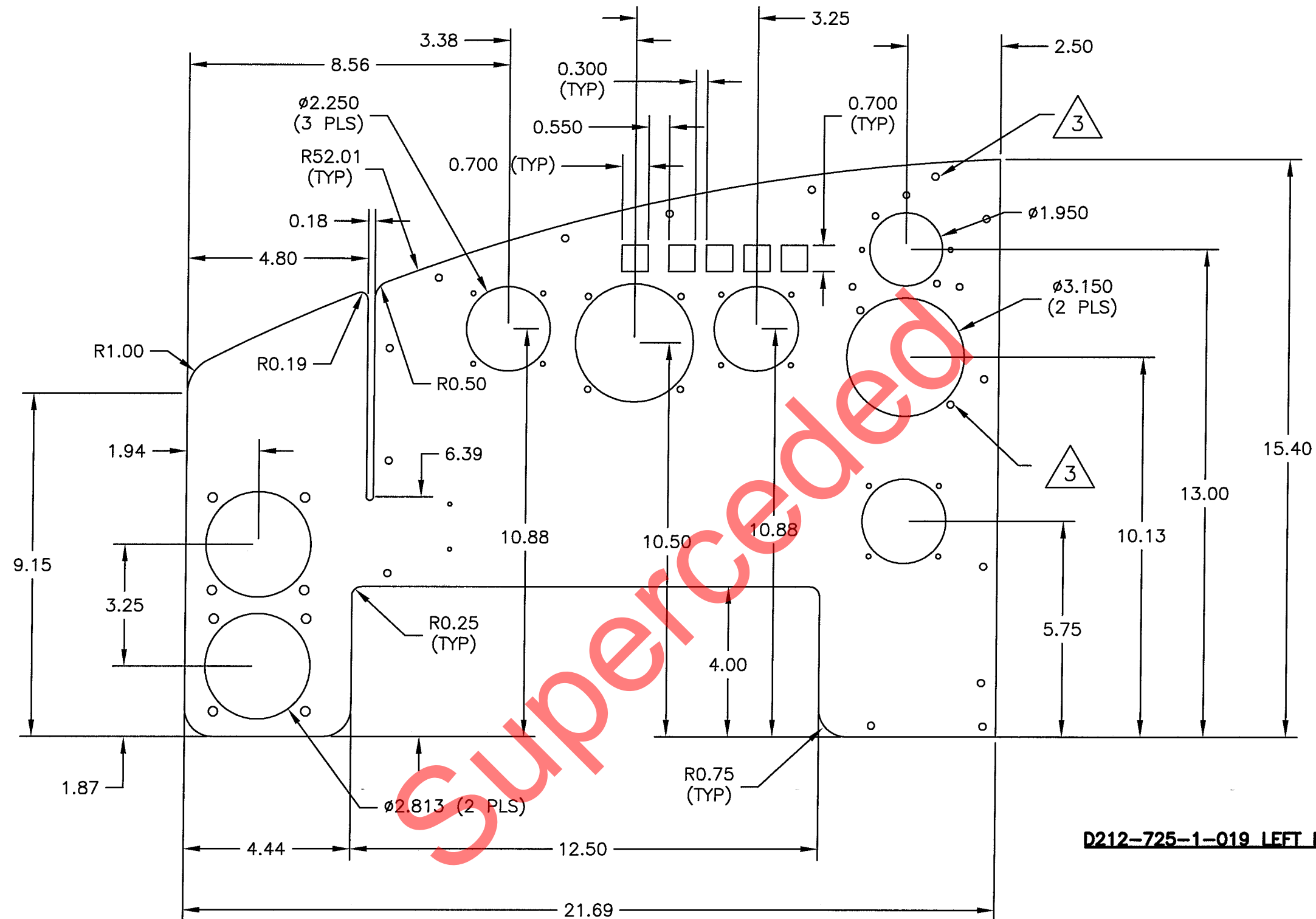
D212-725-1-025/-027 NOTES:

- 1) MATERIAL: 6061-T6 OR 6061-T62 (QQ-A-200/8 OR QQ-A-225/8) ALUMINUM (REF. DART SPEC. M6061TX.XXXW.XXX OR M6061T6R)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

D212-725-1-013 NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL TUBING 0.625 O.D. x 0.035 WALL (REF. DART SPEC. M304TR0.625W0.035)
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER


B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN DC	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1 REV. B SHEET 6 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:1
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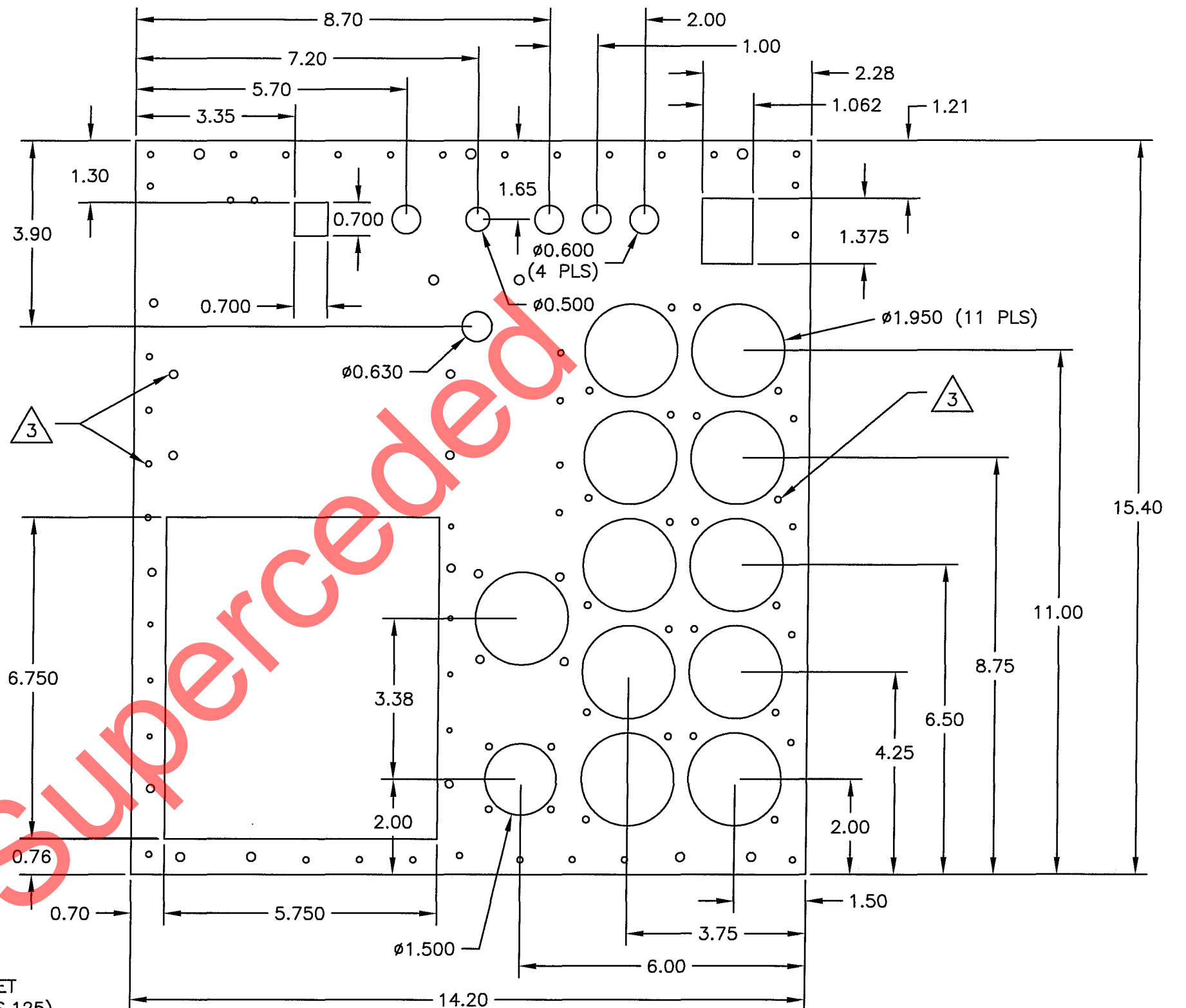
D212-725-1-019 LEFT FRONT PANEL

NOTES:

- 1) MATERIAL: 6061-T6 (QQ-A-250/11) OR 2024-T3 (QQ-A-250/4) SHEET 0.125 THICK
(REF. DART SPEC. M6061T6S.125 OR M2024T3S.125)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR
PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) TRANSFER HOLES FROM INSTRUMENTS, STIFFENERS AND VENTS (TYPICAL)
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 7) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RD	DRAWN BY RF	DART DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 7 OF 44 SCALE 1:3

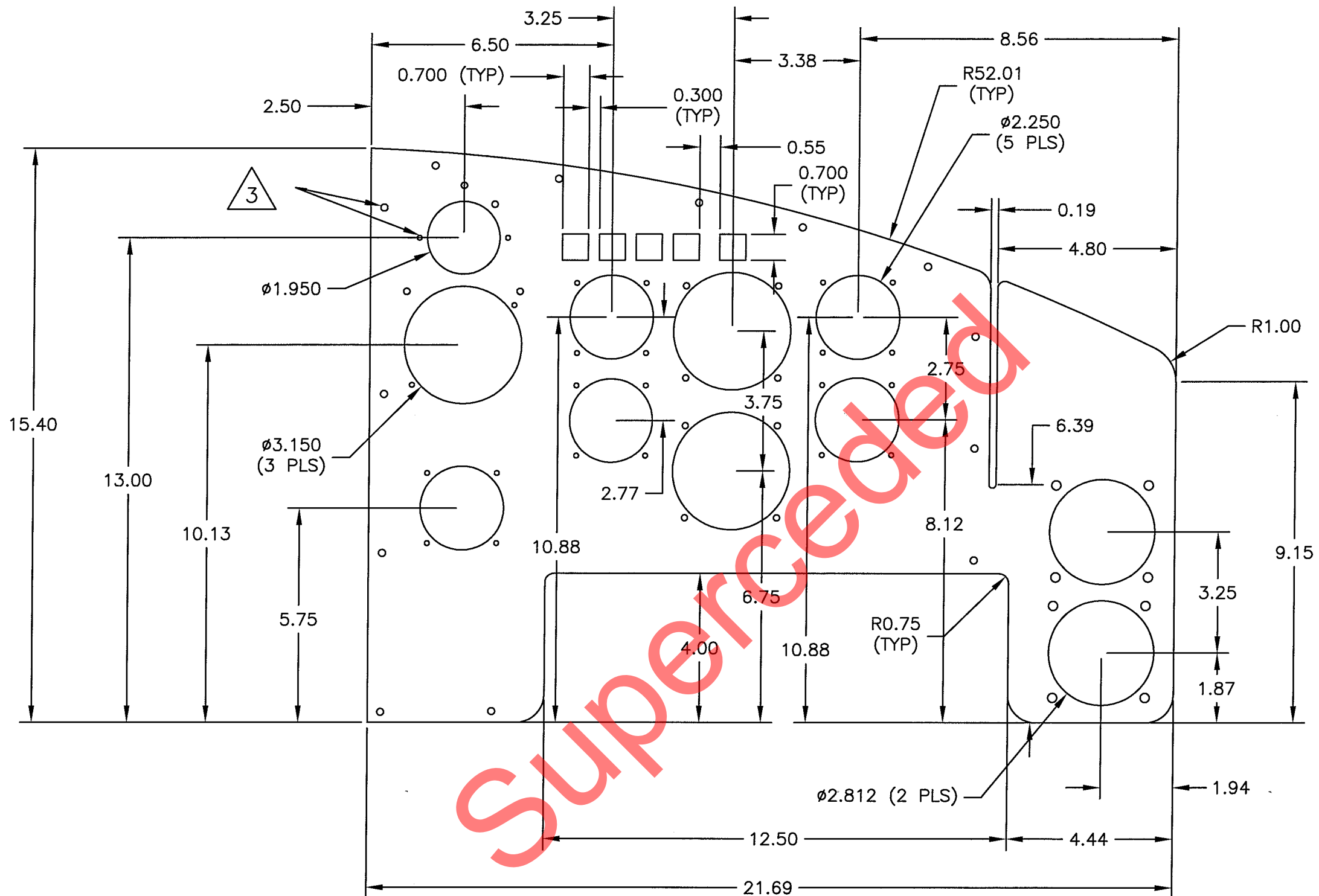
D212-725-1-021
CENTER FRONT PANEL



NOTES:

- 1) MATERIAL: 6061-T6 (QQ-A-250/11) OR 2024-T3 (QQ-A-250/4) SHEET 0.125 THICK (REF. DART SPEC. M6061T6S.125 OR M2024T3S.125)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) TRANSFER HOLES FROM INSTRUMENTS, STIFFENERS AND VENTS (TYPICAL)
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 7) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RD	DRAWN BY RF	DART DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 8 OF 44 SCALE NTS

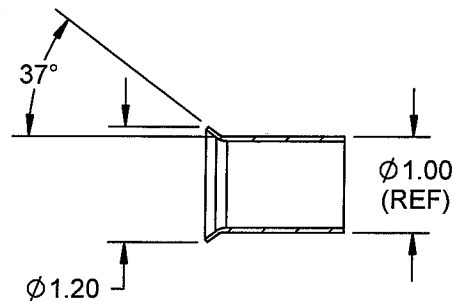
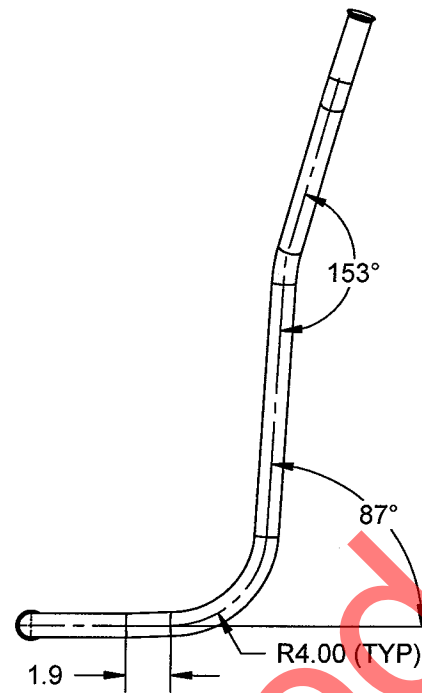
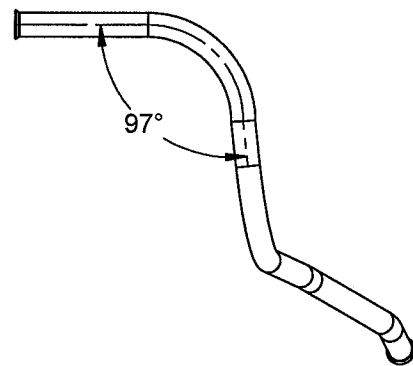
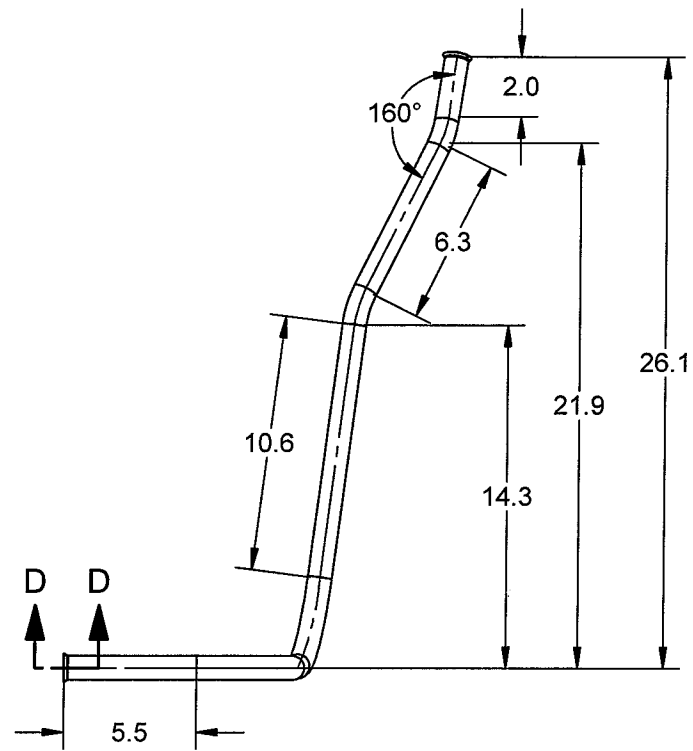


NOTES:

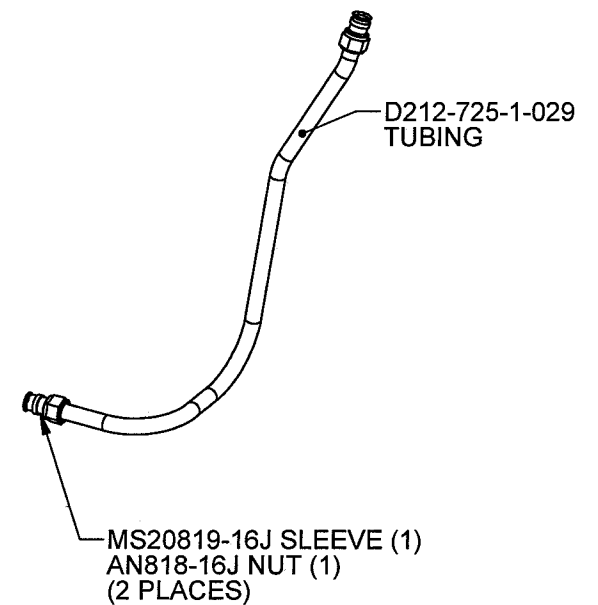
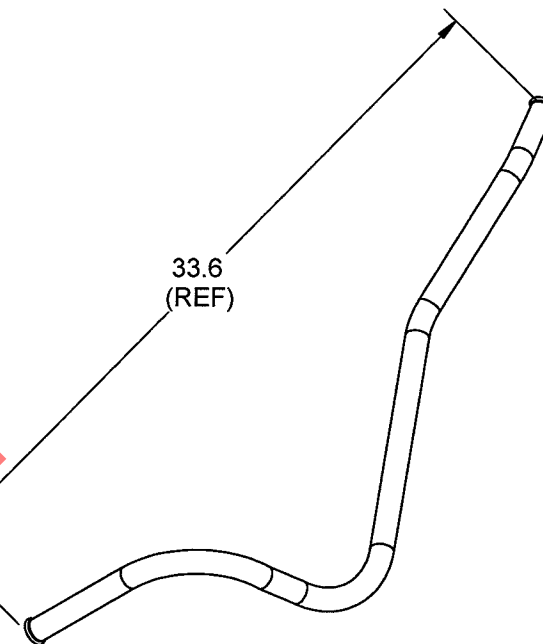
- 1) MATERIAL: 6061-T6 (QQ-A-250/11) OR 2024-T3 (QQ-A-250/4) SHEET 0.125 THICK (REF. DART SPEC. M6061T6S.125 OR M2024T3S.125)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) TRANSFER HOLES FROM INSTRUMENTS, STIFFENERS AND VENTS (TYPICAL)
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 7) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

D212-725-1-023 RIGHT FRONT PANEL

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RD	DRAWN BY RF	DART DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 9 OF 44 SCALE 1:3



SECTION D-D
(FINISH FLARE ONE END
AFTER ASSEMBLY)
SCALE 1 : 2
(2 PLACES)



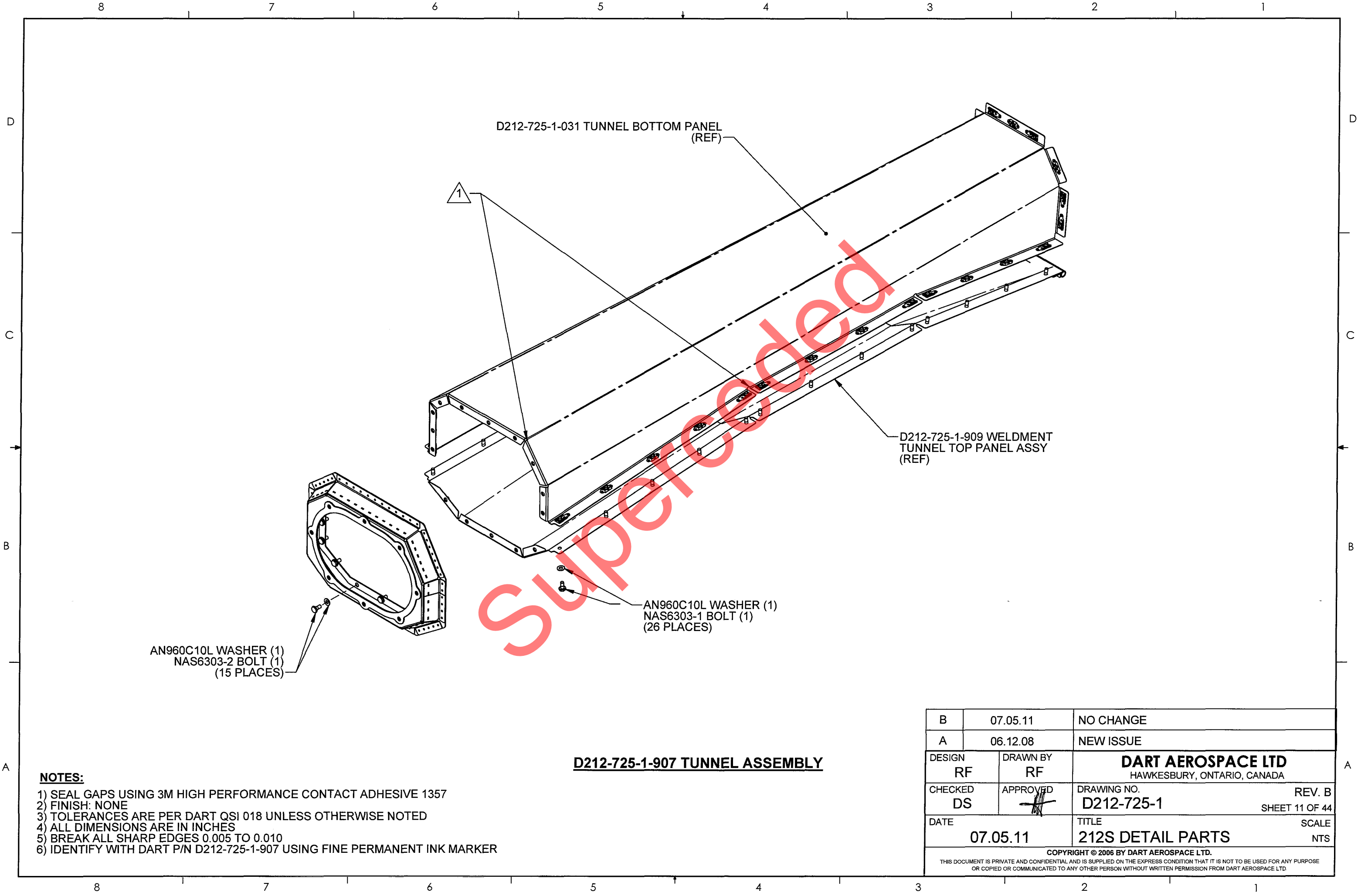
D212-725-1-905 TUBE ASSEMBLY

D212-725-1-029 TUBING
MANUFACTURE PER TEMPLATE DT8907

NOTES:


- 1) MATERIAL: AISI 304/316 SEAMLESS STAINLESS STEEL 1.00 O.D. x 0.049 WALL
(REF. DART SPEC. M304TR1.000W.049)
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY ASSEMBLY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

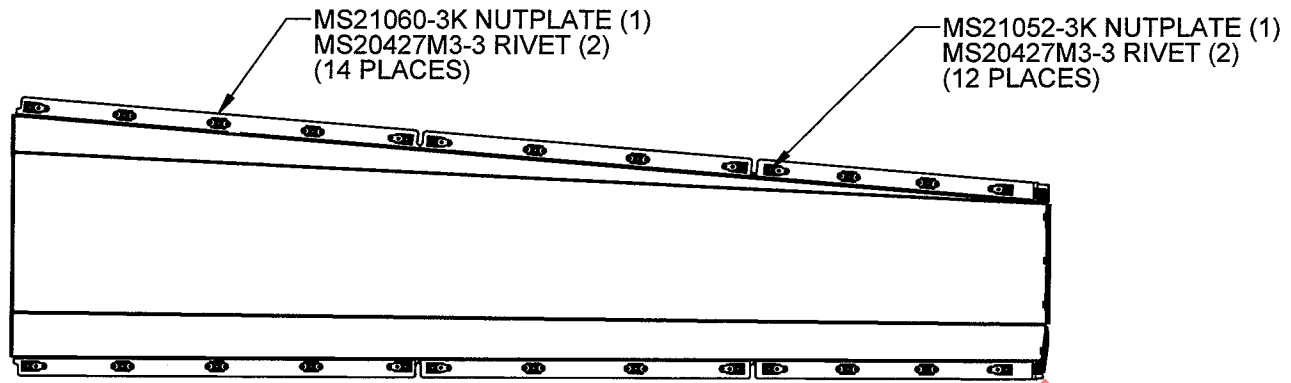
B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN DC	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 10 OF 44 SCALE 1:8
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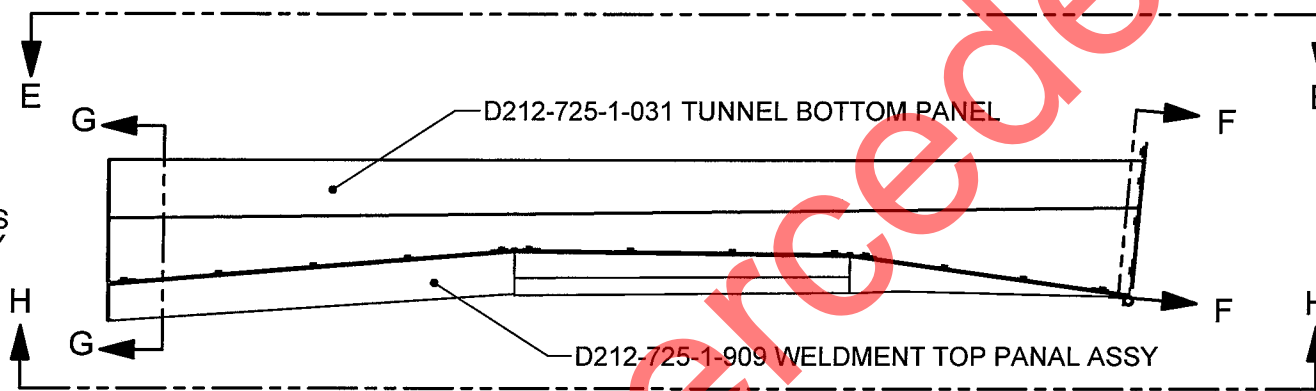
D212-725-1-907 TUNNEL ASSEMBLY

- NOTES:**
- 1) SEAL GAPS USING 3M HIGH PERFORMANCE CONTACT ADHESIVE 1357
 - 2) FINISH: NONE
 - 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) ALL DIMENSIONS ARE IN INCHES
 - 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
 - 6) IDENTIFY WITH DART P/N D212-725-1-907 USING FINE PERMANENT INK MARKER

B	07.05.11	NO CHANGE	
A	06.12.08	NEW ISSUE	
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1	REV. B SHEET 11 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS		SCALE NTS
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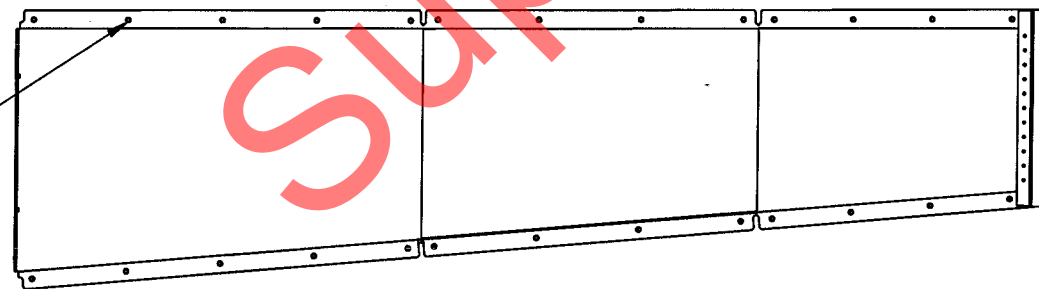


SECTION E-E



SECTION G-G

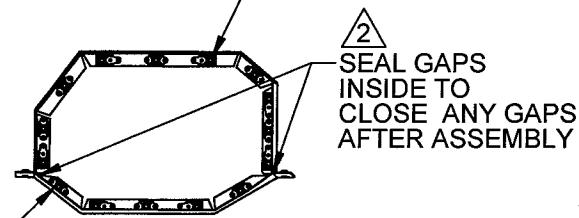
TRANSFER $\varnothing 0.196$ HOLES FROM
D212-725-1-909 TO D212-725-1-031
(26 PLACES)



SECTION H-H

D212-725-1-907 (REF)

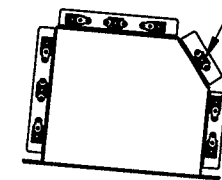
MS21052-3K NUTPLATE (1)
MS20427M3-3 RIVET (2)
(7 PLACES)



MS21060-3K NUTPLATE (1)
MS20427M3-3 RIVET (2)
(8 PLACES)

MS21060-3K NUTPLATE (1)
MS20427M3-3 RIVET (2)
(3 PLACES)

MS21052-3K NUTPLATE (1)
MS20427M3-3 RIVET (2)
(6 PLACES)

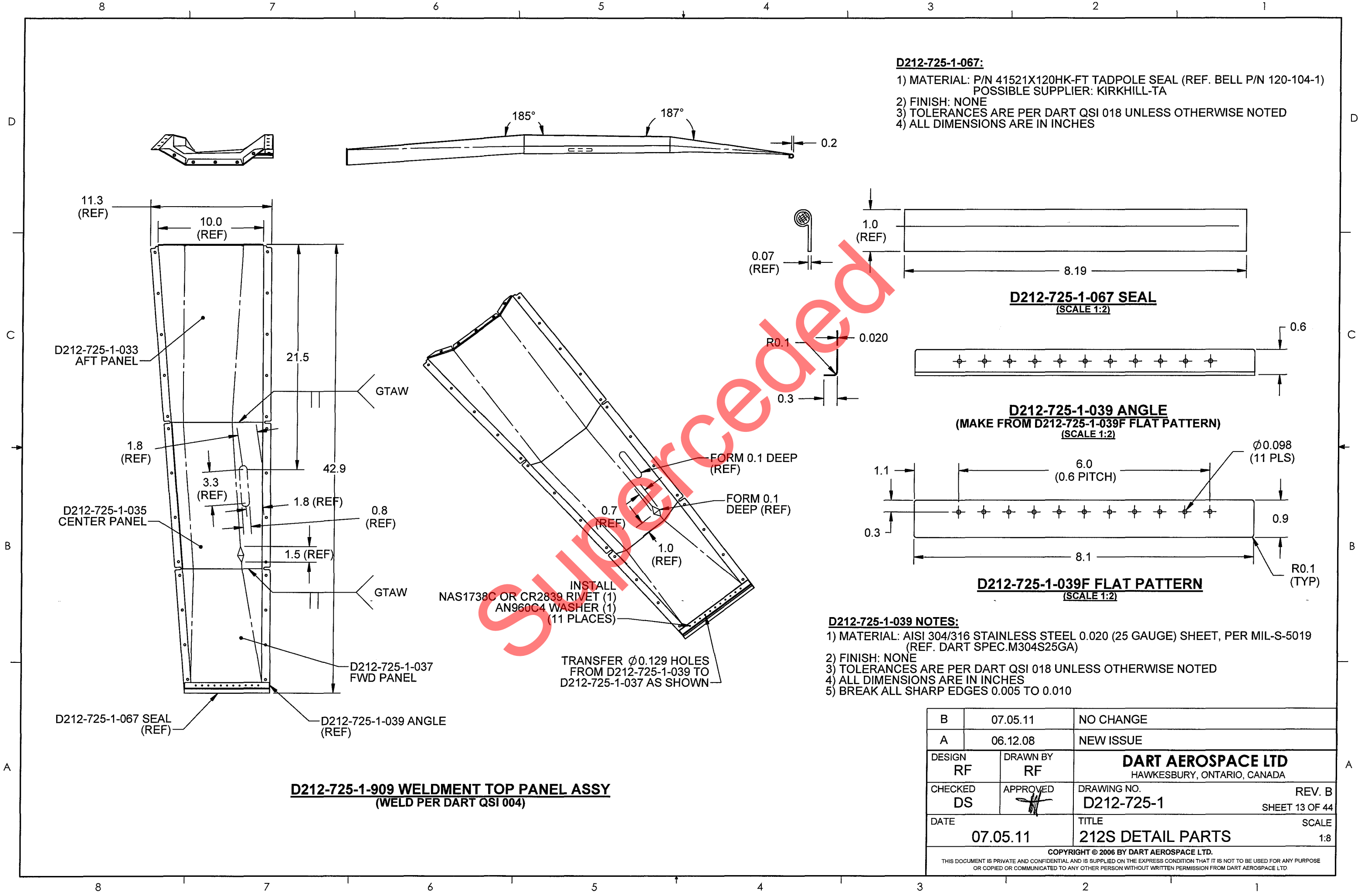


SECTION F-F

NOTES:

- 1) WELD PER DART QSI 004
- 2) SEAL GAPS USING 3M HIGH PERFORMANCE CONTACT ADHESIVE 1357
- 3) FINISH: NONE
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) BREAK ALL SHARP EDGES 0.005 TO 0.010

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1 REV. B SHEET 12 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:8
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D212-725-1-067:
1) MATERIAL: P/N 41521X120HK-FT TADPOLE SEAL (REF. BELL P/N 120-104-1)
POSSIBLE SUPPLIER: KIRKILL-TA
2) FINISH: NONE
3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
4) ALL DIMENSIONS ARE IN INCHES

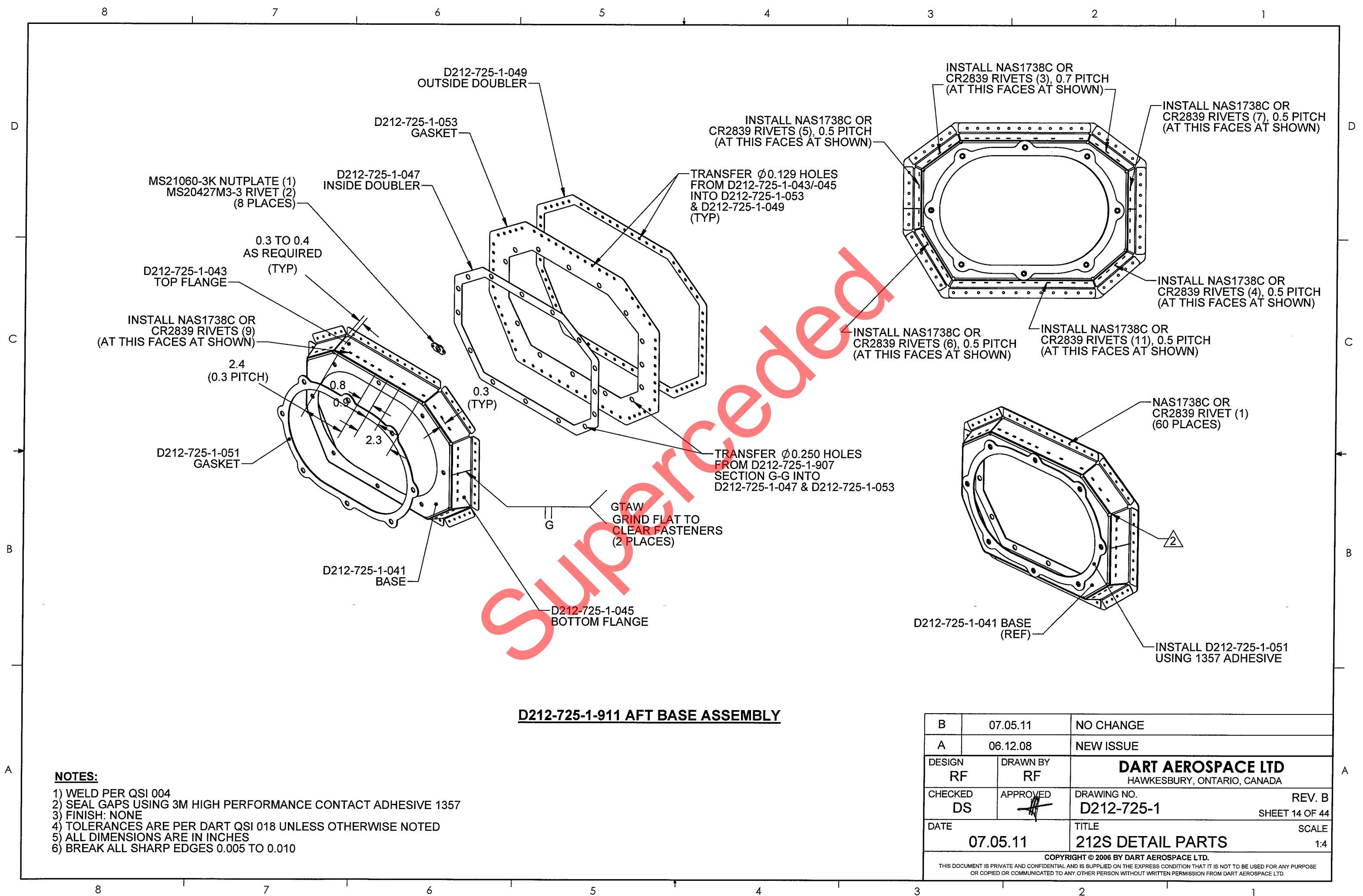
D212-725-1-067 SEAL
(SCALE 1:2)

D212-725-1-039 ANGLE
(MAKE FROM D212-725-1-039F FLAT PATTERN)
(SCALE 1:2)

D212-725-1-039F FLAT PATTERN
(SCALE 1:2)

D212-725-1-039 NOTES:
1) MATERIAL: AISI 304/316 STAINLESS STEEL 0.020 (25 GAUGE) SHEET, PER MIL-S-5019 (REF. DART SPEC.M304S25GA)
2) FINISH: NONE
3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
4) ALL DIMENSIONS ARE IN INCHES
5) BREAK ALL SHARP EDGES 0.005 TO 0.010

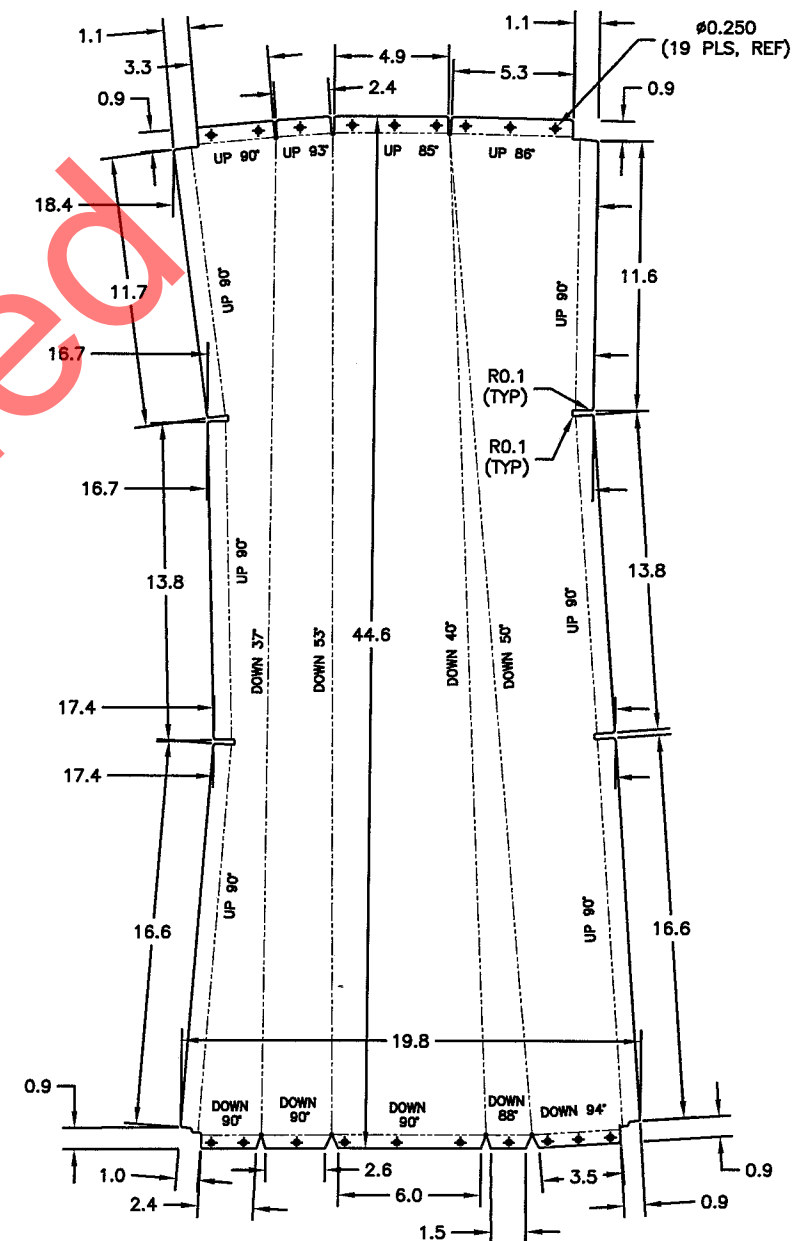
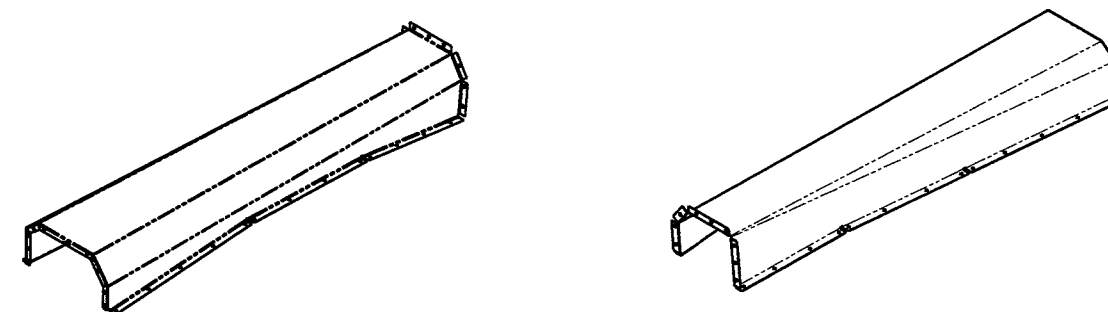
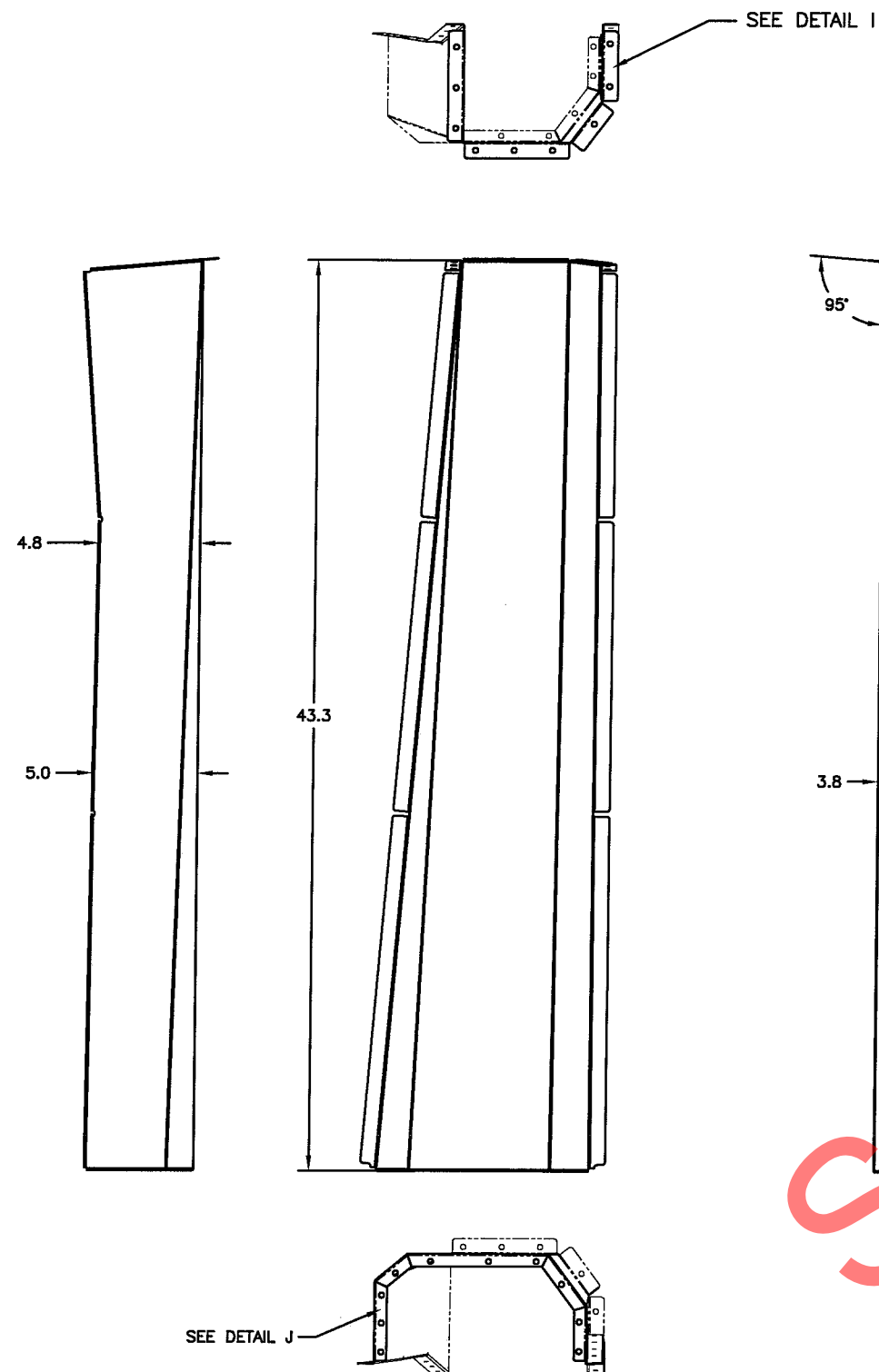
B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 13 OF 44 SCALE 1:8
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D212-725-1-911 AFT BASE ASSEMBLY

- NOTES:**
- 1) WELD PER QSI 004
 - 2) SEAL GAPS USING 3M HIGH PERFORMANCE CONTACT ADHESIVE 1357
 - 3) FINISH: NONE
 - 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 5) ALL DIMENSIONS ARE IN INCHES
 - 6) BREAK ALL SHARP EDGES 0.005 TO 0.010

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 14 OF 44 SCALE 1:4
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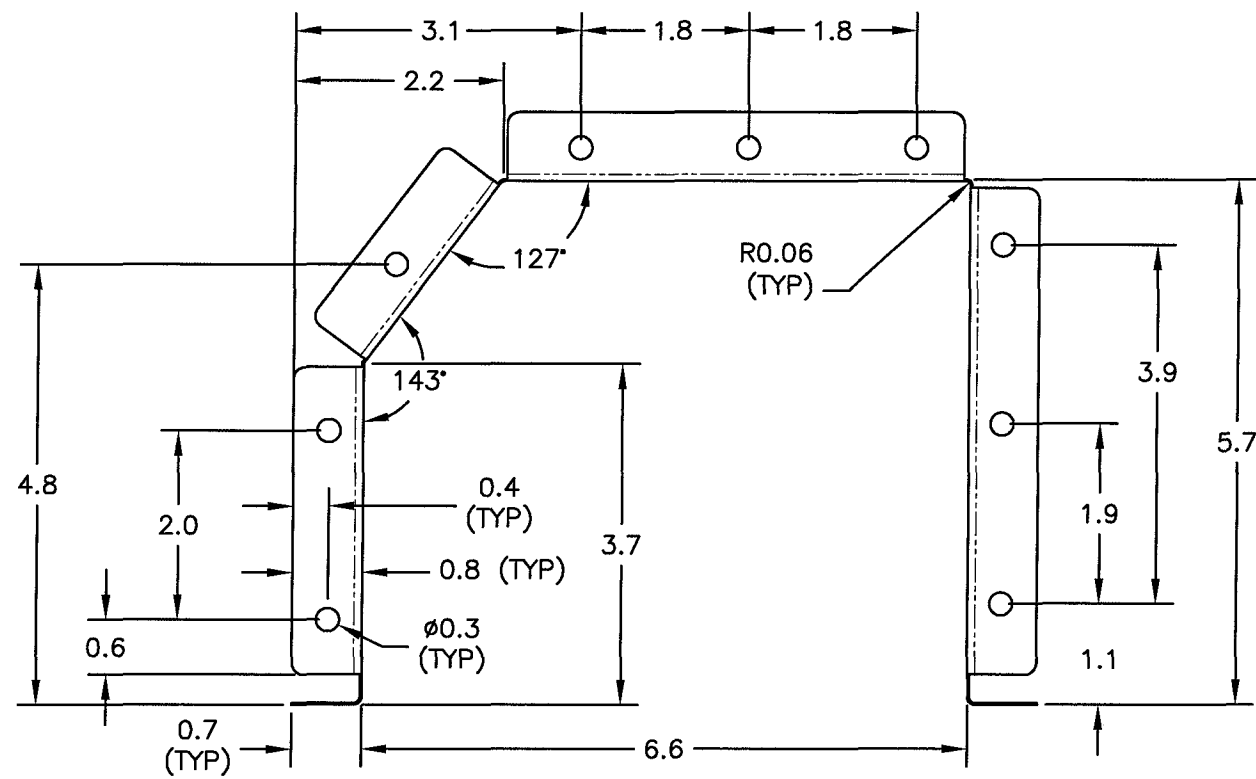
**D212-725-1-031E
FLAT PATTERN**

NOTES:

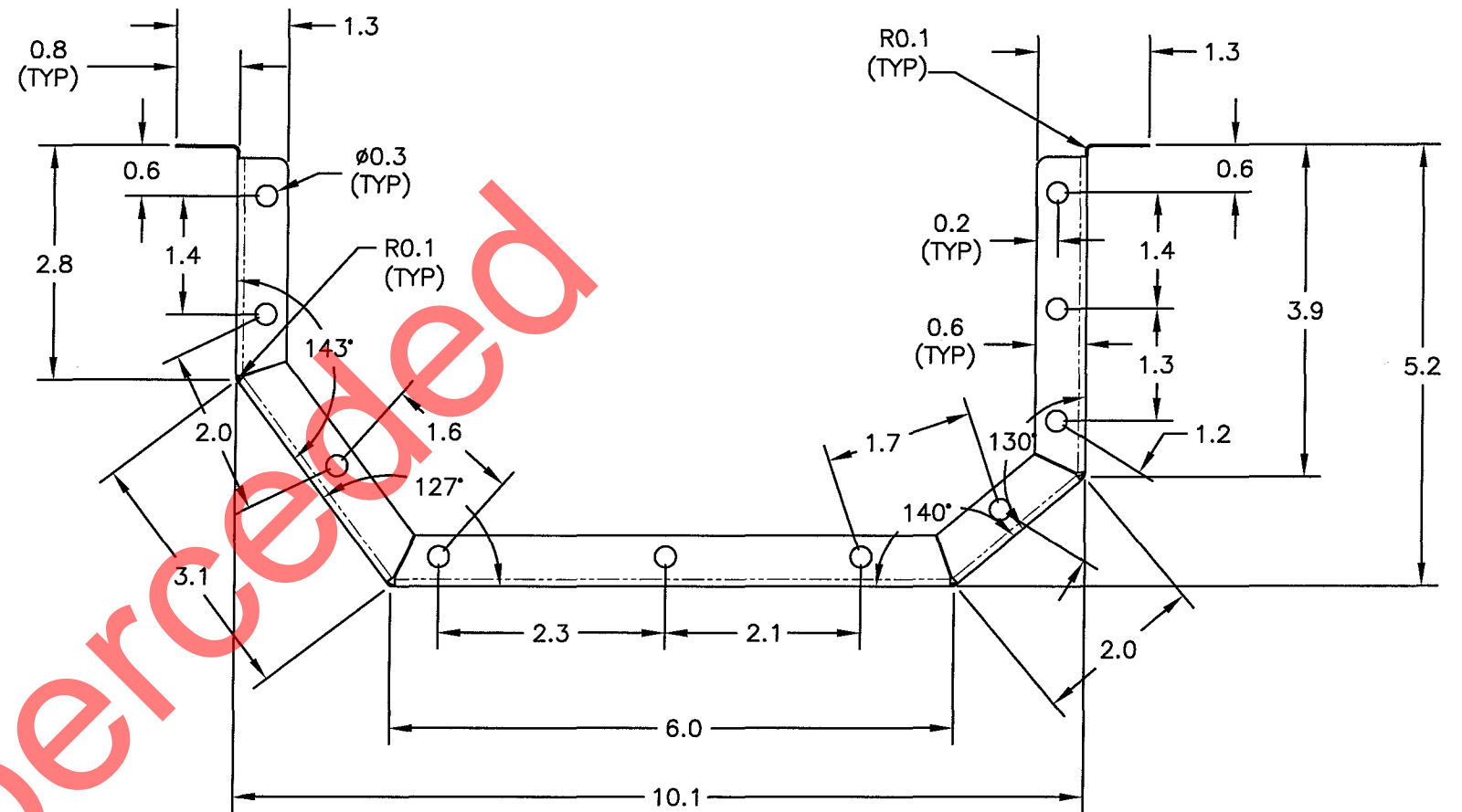
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL 0.020 (25 GAUGE) SHEET, PER MIL-S-5019 (REF. DART SPEC. M304S25GA)
- 2) FINISH: NONE
- 3) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) MACHINE FLAT PATTERN PER DRAWING "D212-725-1.A15"

D212-725-1-031 TUNNEL BOTTOM PANEL


B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 15 OF 44 SCALE 1:8

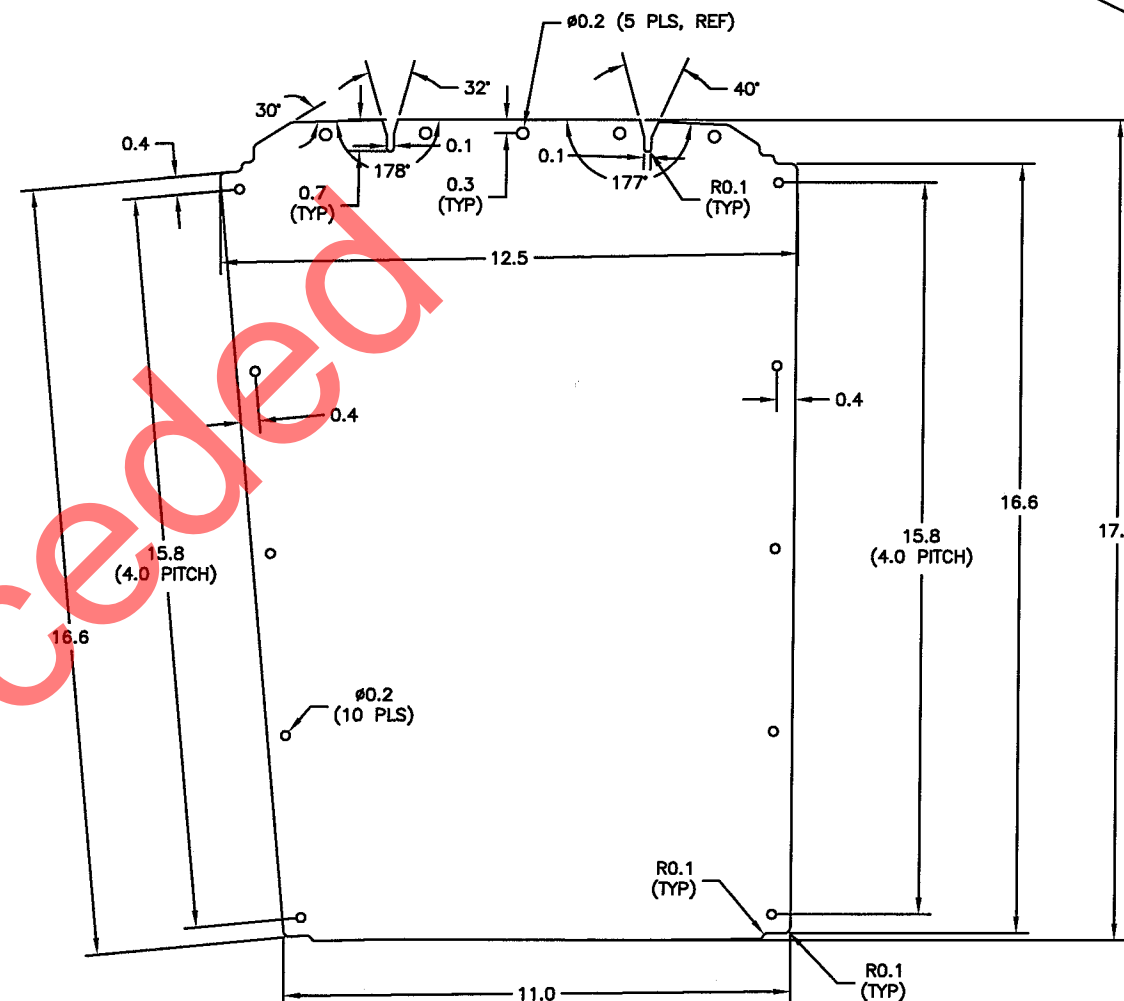
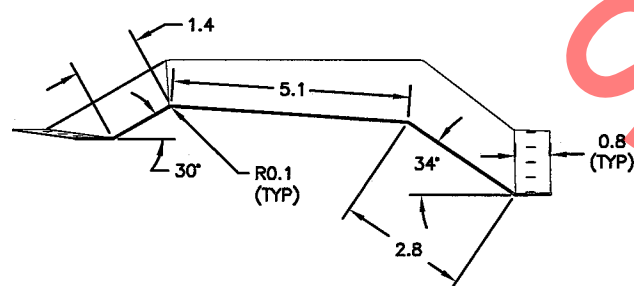
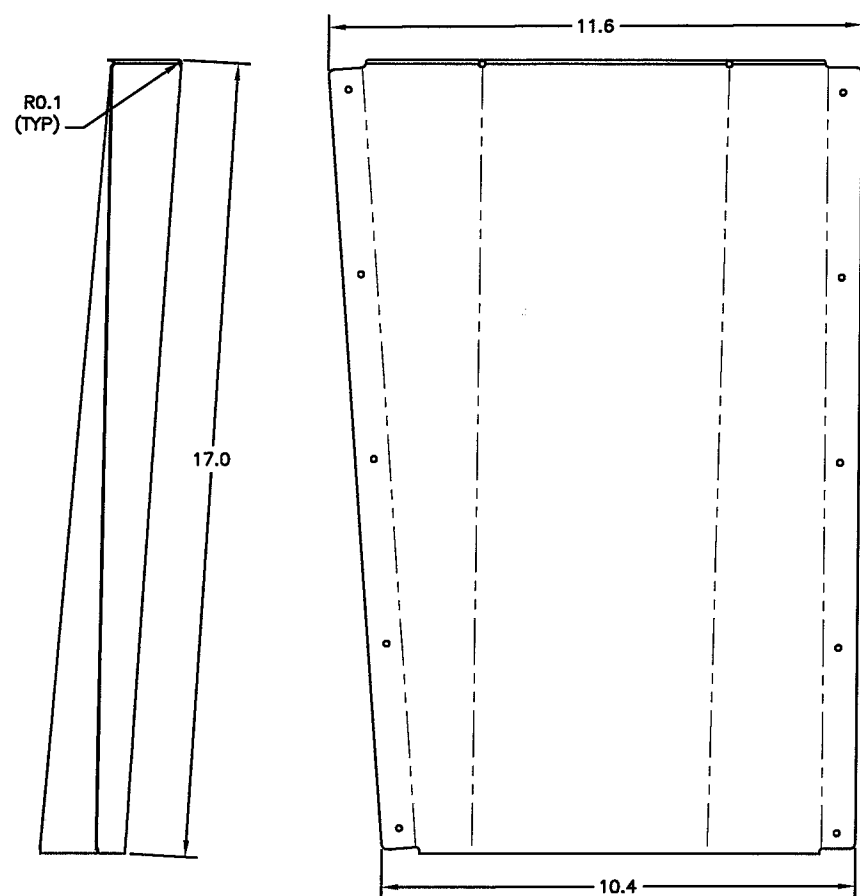
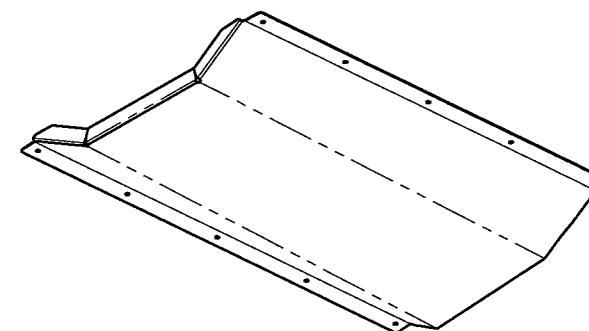
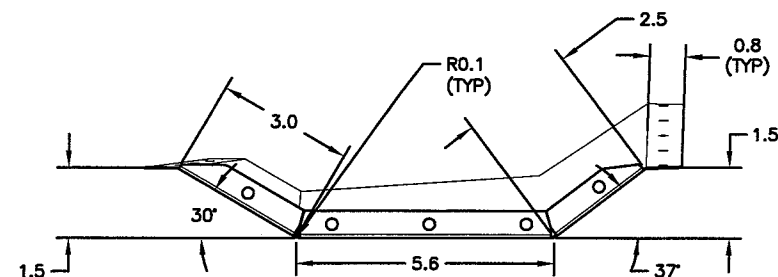


D212-725-1-031
DETAIL I



D212-725-1-031
DETAIL J

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 16 OF 44 SCALE 1:2



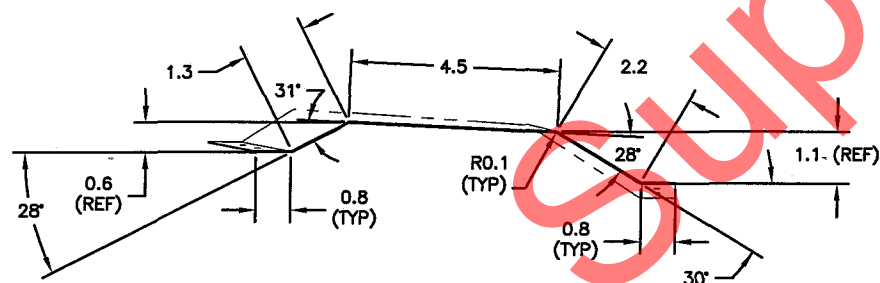
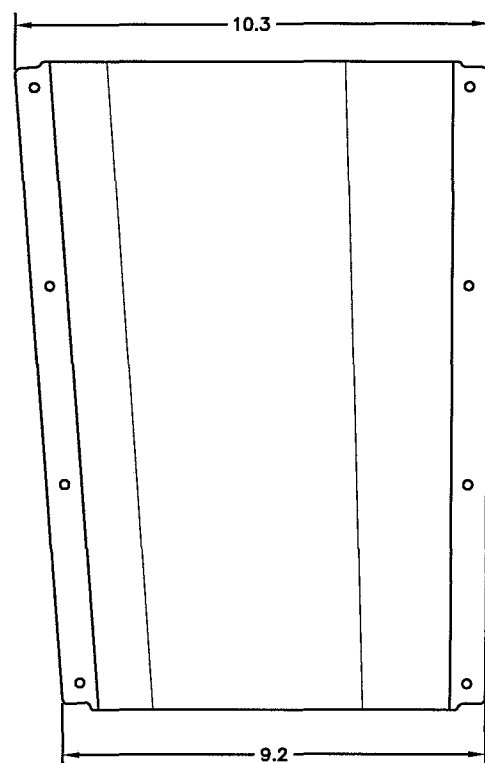
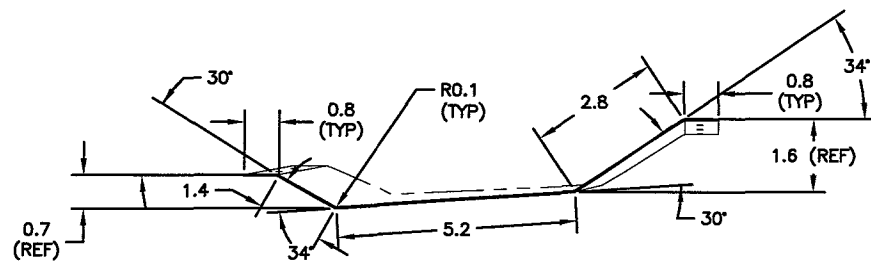
D212-725-1-033F FLAT PATTERN

D212-725-1-033 AFT TOP TUNNEL PANEL
(MAKE FROM D212-725-1-033F FLAT PATTERN)

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL 0.020 (25 GAUGE) SHEET, PER MIL-S-5019 (REF. DART SPEC. M304S25GA)
- 2) FINISH: NONE
- 3) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) MACHINE PER DRAWING "D212-725-1-A17.DWG"

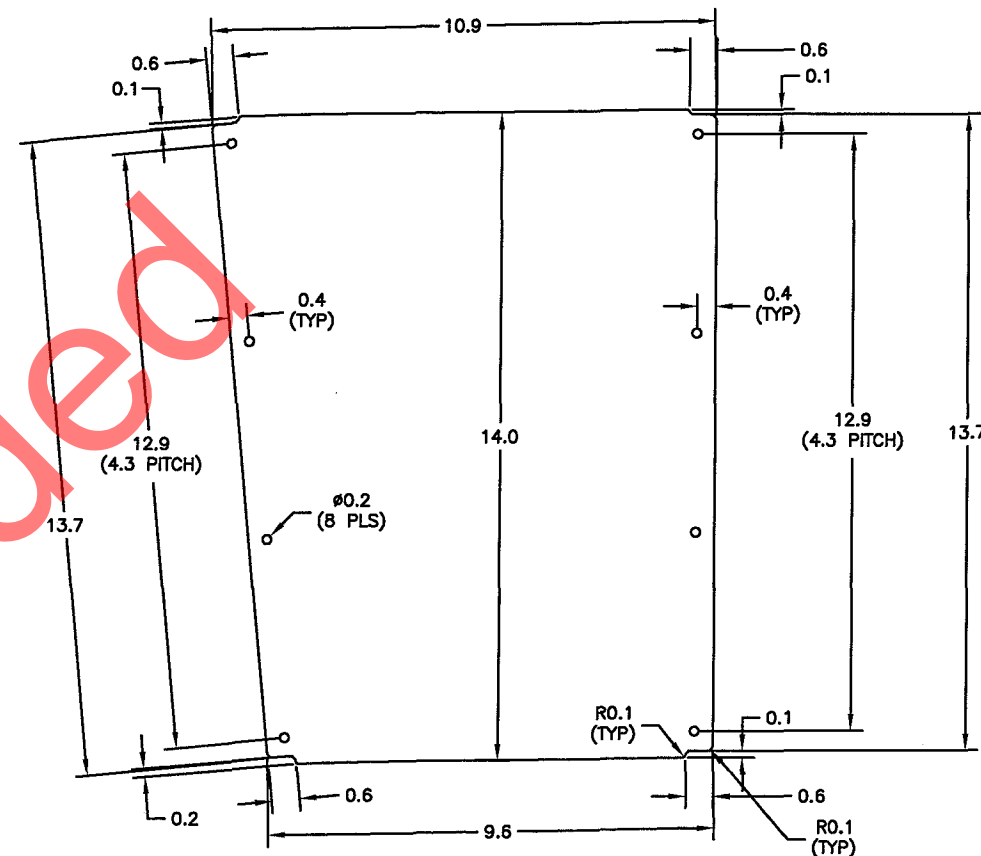
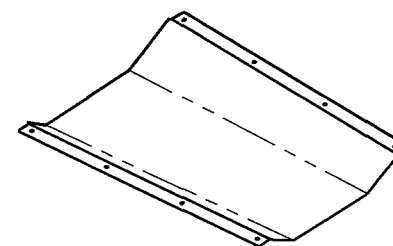
B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 17 OF 44 SCALE 1:4



D212-725-1-035 CENTER TOP TUNNEL PANEL
(MAKE FROM D212-725-1-035F FLAT PATTERN)

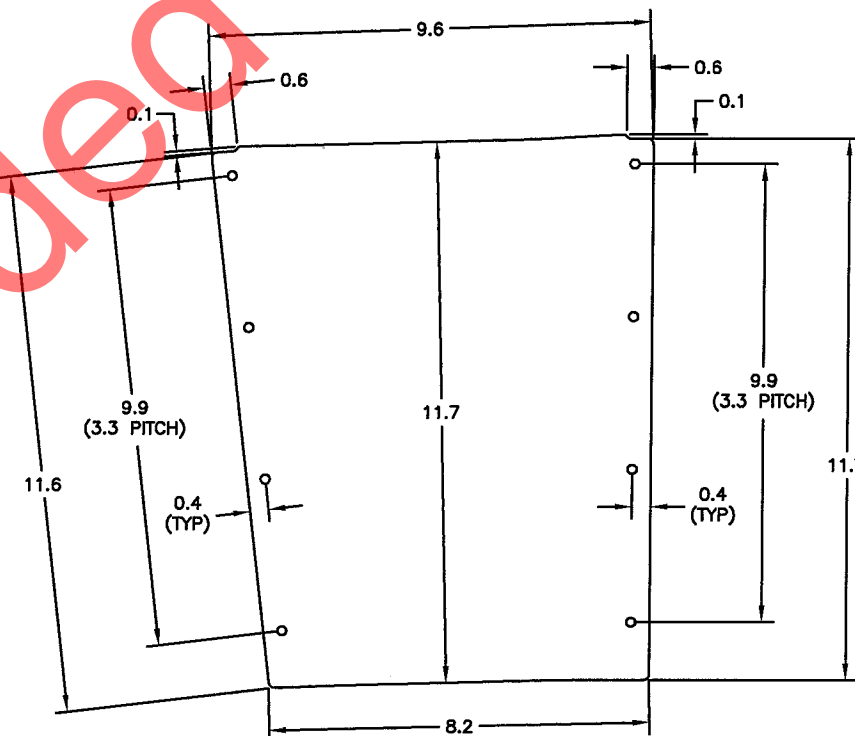
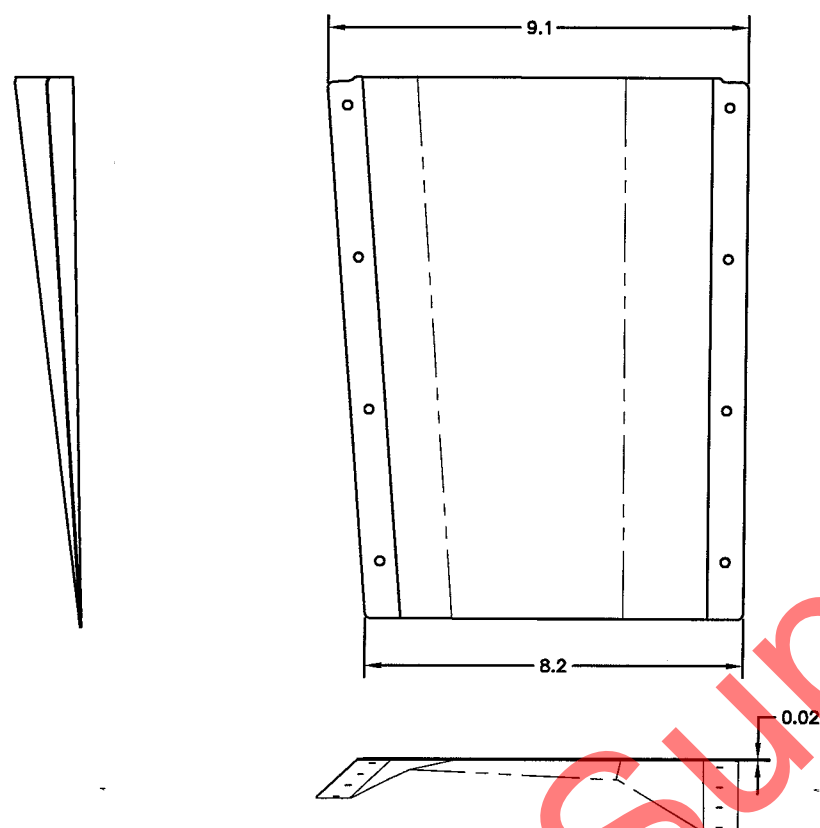
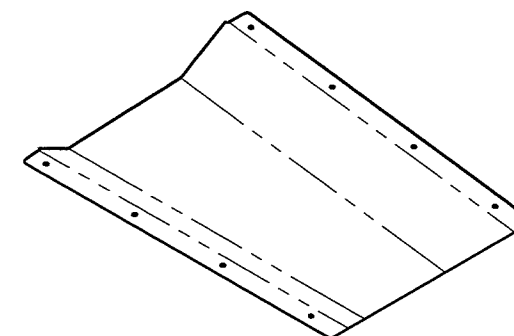
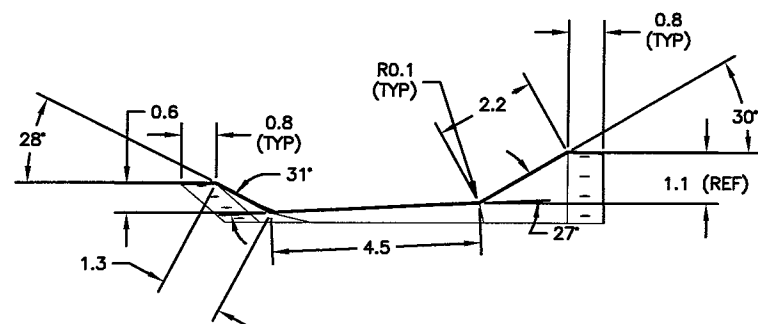
NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL 0.020 (25 GAUGE) SHEET, PER MIL-S-5019 (REF. DART SPEC. M304S25GA)
- 2) FINISH: NONE
- 3) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) MACHINE PER DRAWING "D212-725-1-A18"



D212-725-1-035F FLAT PATTERN

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 18 OF 44 SCALE 1:4



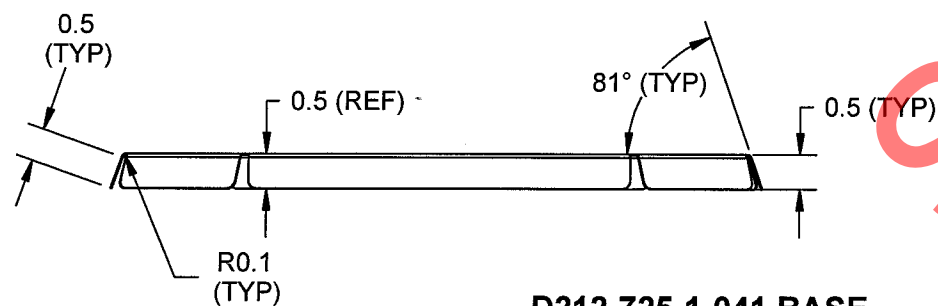
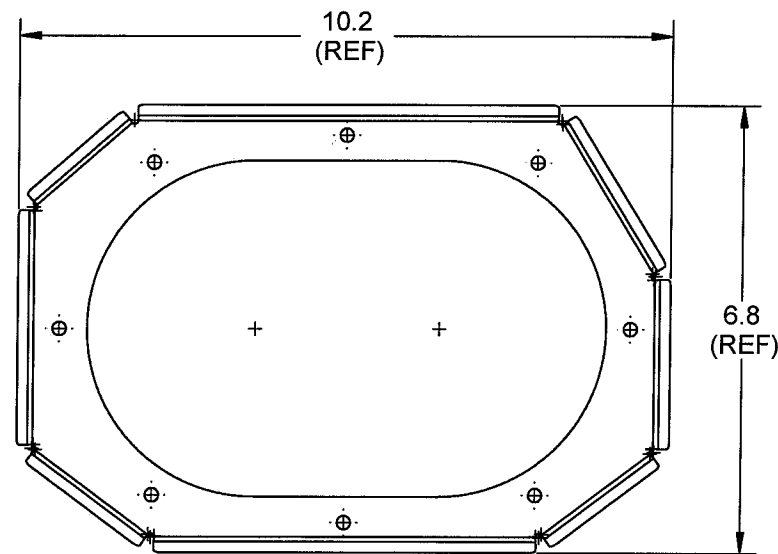
D212-725-1-037 FWD TOP TUNNEL PANEL
(MAKE FROM D212-725-1-037F FLAT PATTERN)

D212-725-1-037F FLAT PATTERN

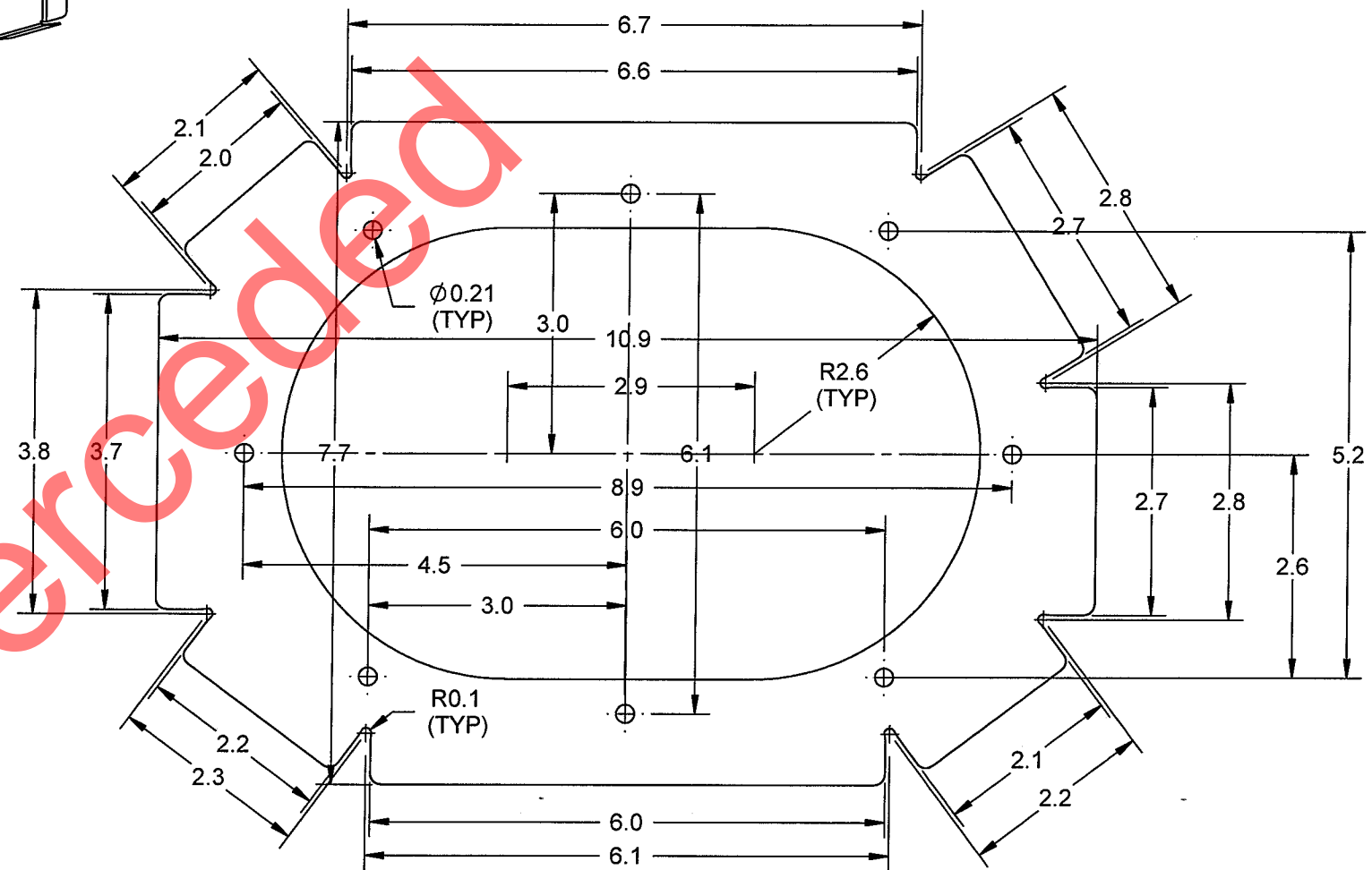
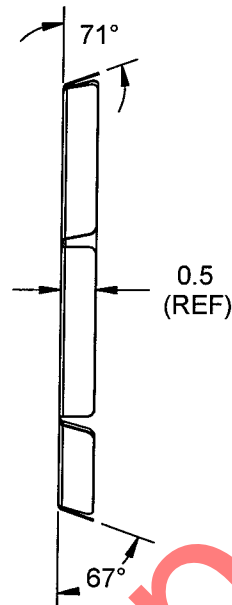
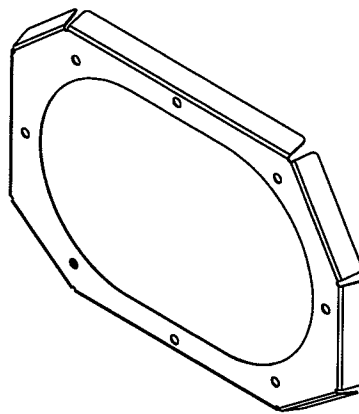
NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL 0.020 (25 GAUGE) SHEET, PER MIL-S-5019 (REF. DART SPEC. M304S25GA)
- 2) FINISH: NONE
- 3) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) MACHINE PER DRAWING "D212-725-1-A19"

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 19 OF 44 SCALE 1:4




D212-725-1-041 BASE
(MAKE FROM D212-725-1-041F FLAT PATTERN)
SCALE 1:6

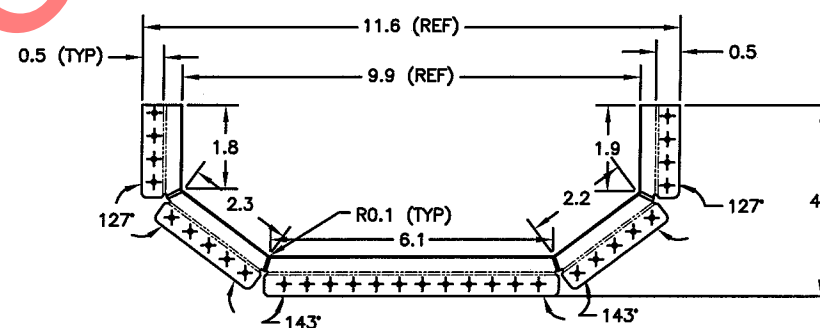
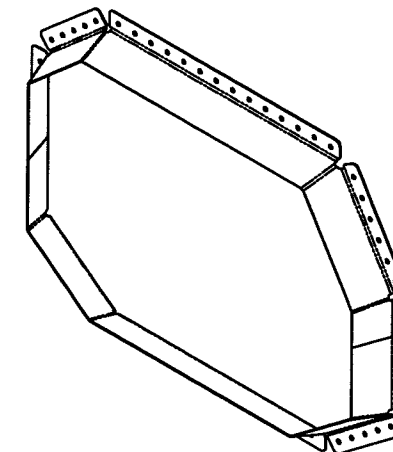
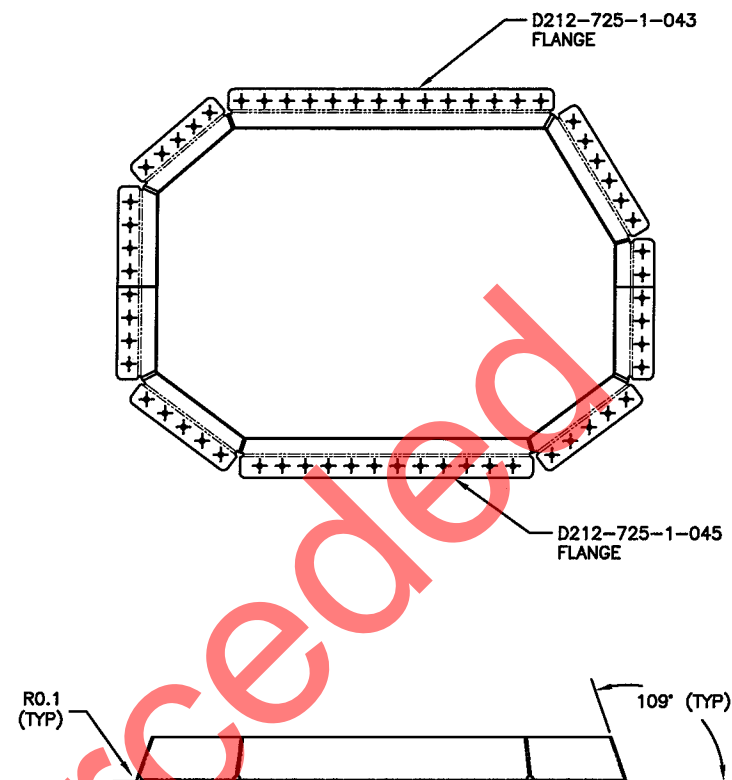
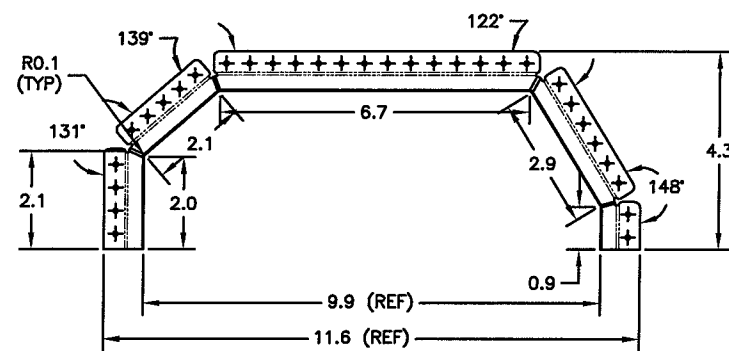
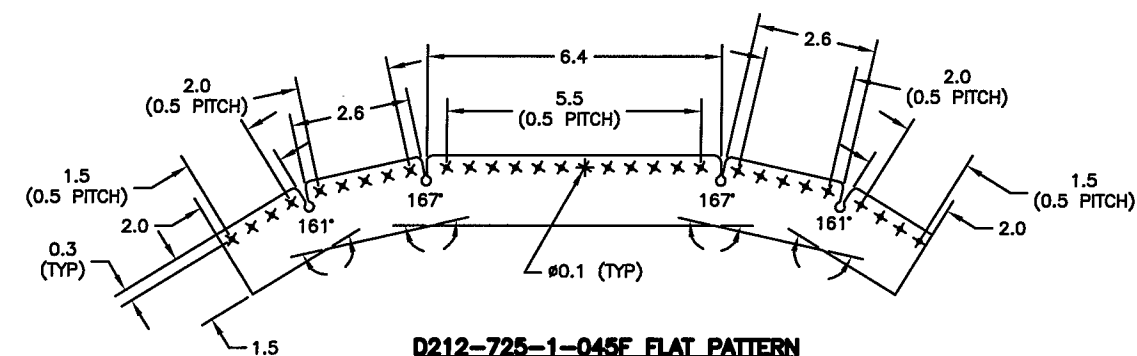
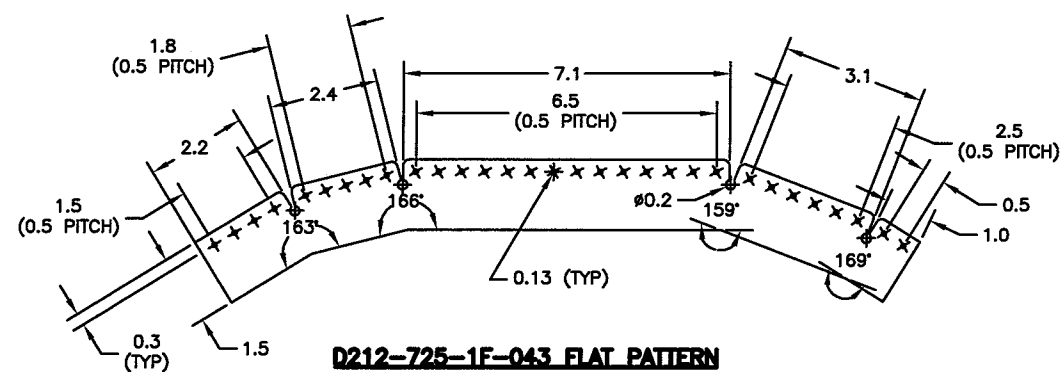


D212-725-1-041F FLAT PATTERN

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL 0.020 (25 GAUGE) SHEET, PER MIL-S-2019 (REF. DART SPEC. M304S25GA)
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) MACHINE PER DRAWING "D212-725-1-A20"

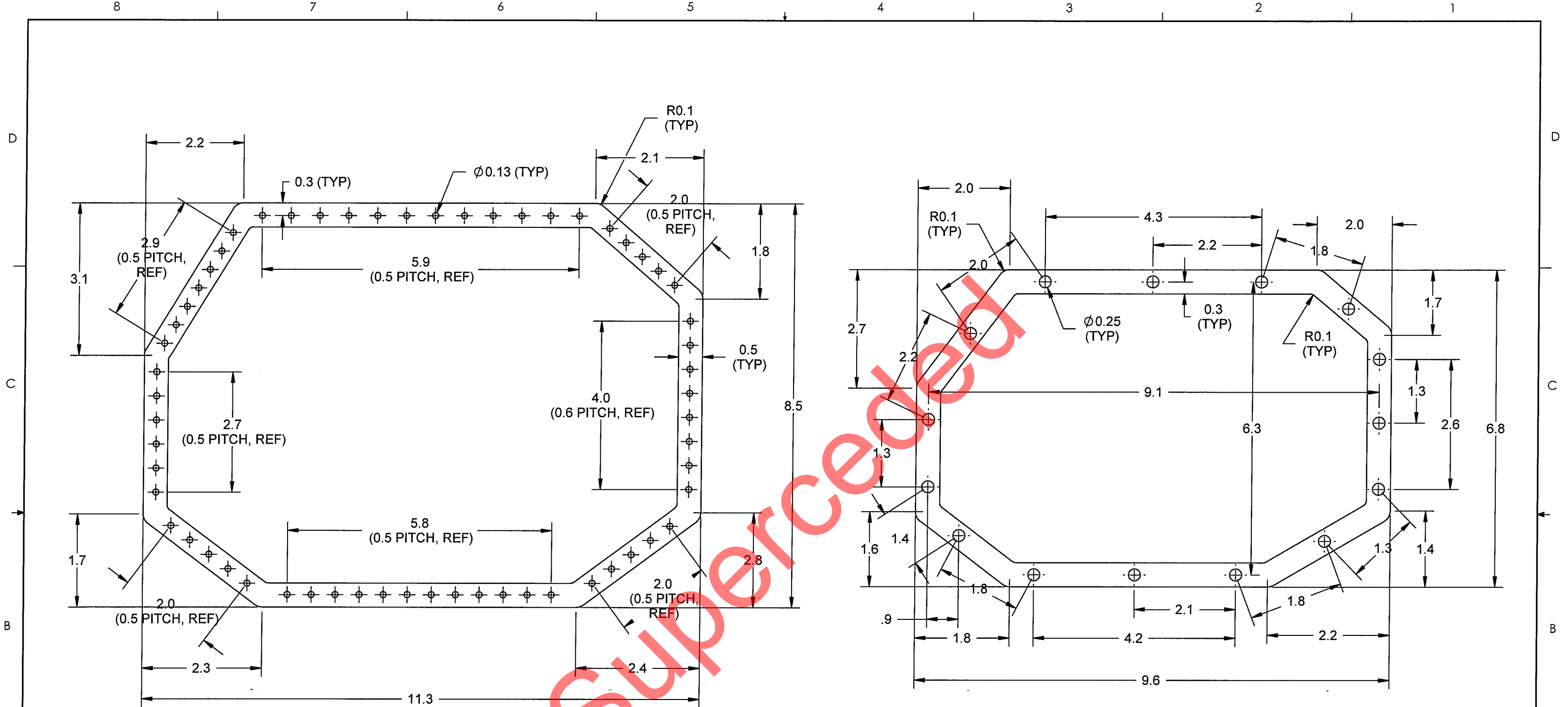
B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1 REV. B SHEET 20 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:2
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NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL (25 GAUGE) 0.020 SHEET, PER MIL-S-5019 (REF. DART SPEC. M304S25GA)
- 2) FINISH: NONE
- 3) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) MACHINE & BEND PER DRAWING "D212-725-1-A21"

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 21 OF 44 SCALE 1:4




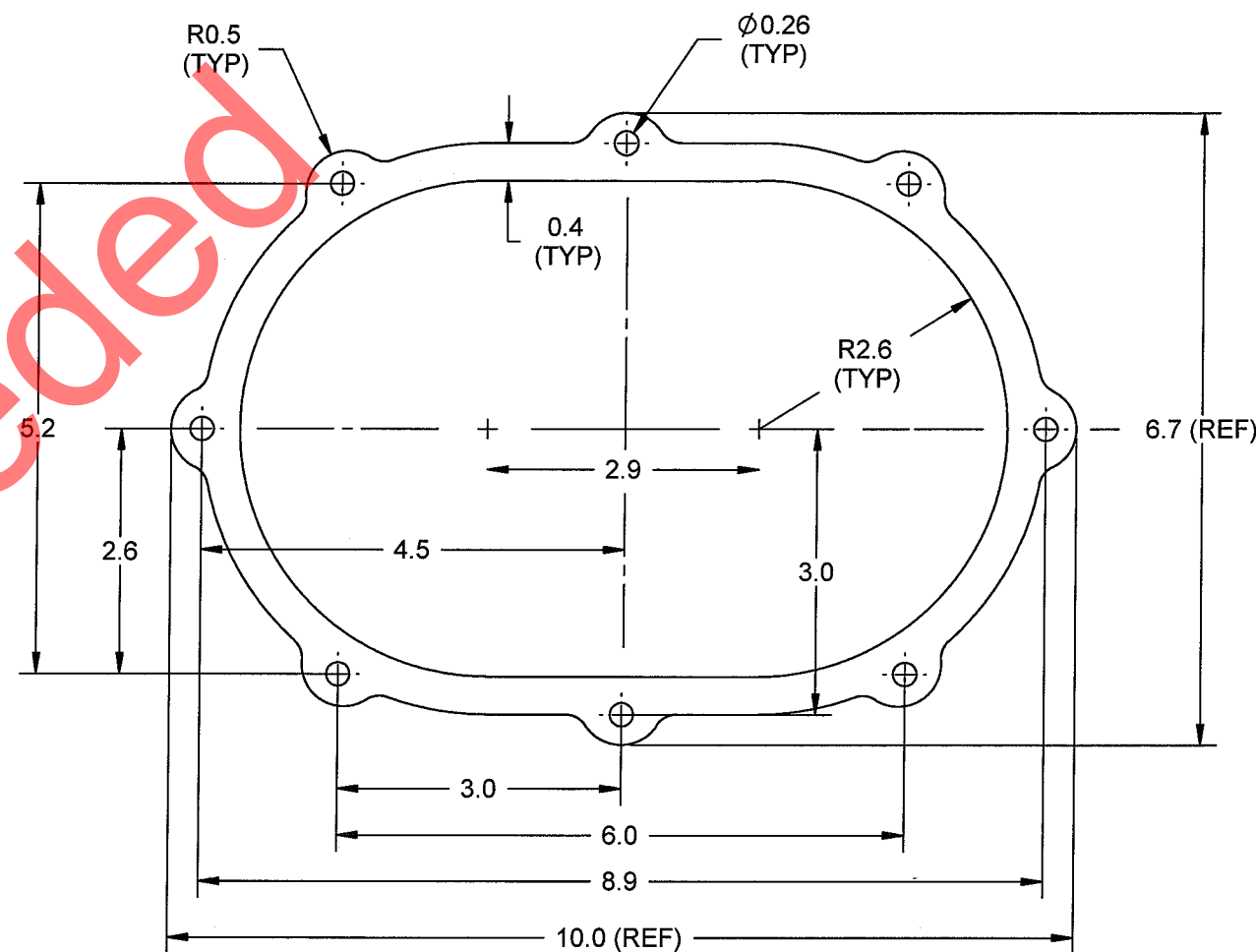
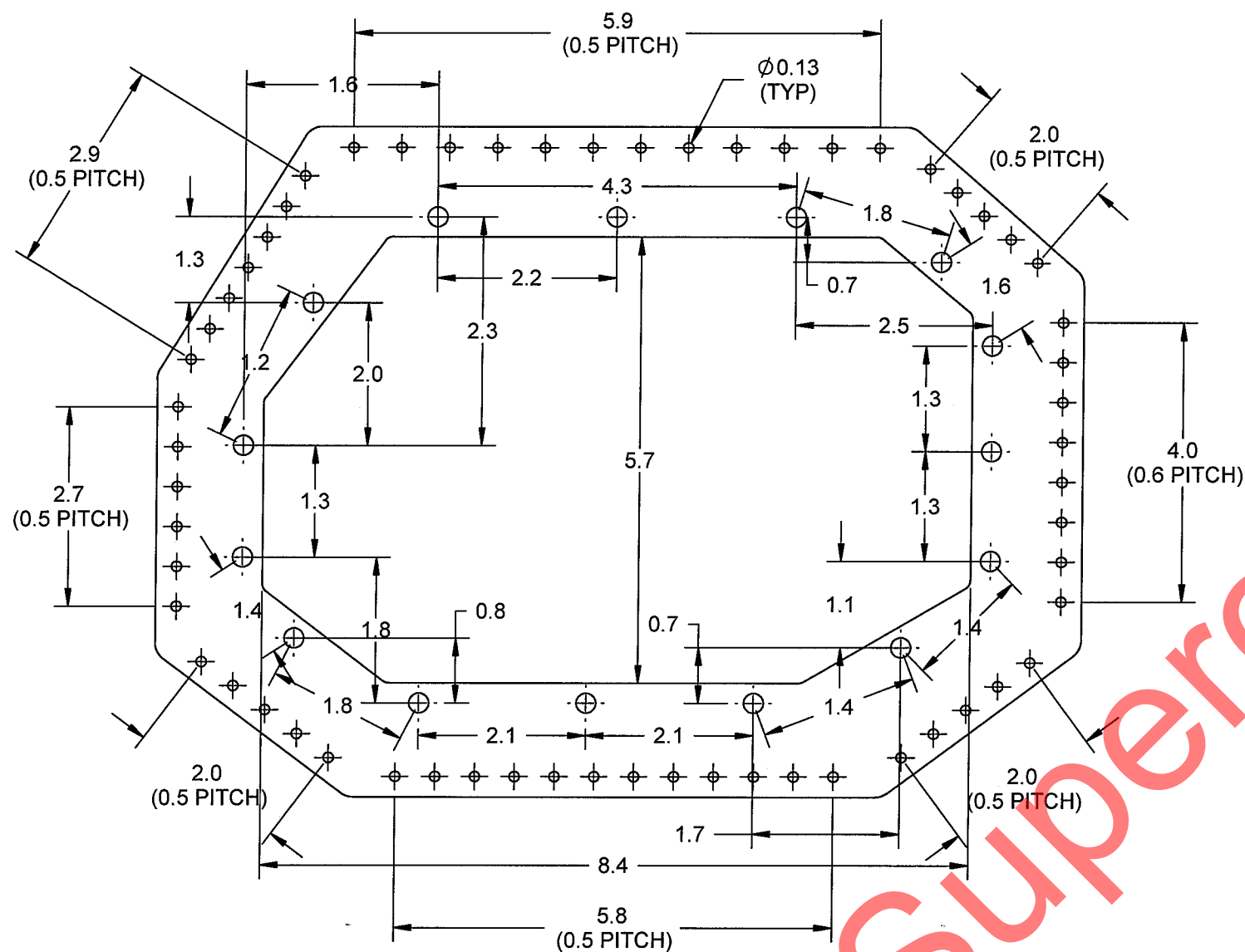
D212-725-1-049 DOUBLER
DIMENSIONS BETWEEN HOLES ARE PROVIDED FOR REFERENCE ONLY
TRANSFER $\phi 0.129$ HOLES FROM D212-725-1-043/-045 WELDED

D212-725-1-047 DOUBLER
DIMENSIONS BETWEEN HOLES ARE PROVIDED FOR REFERENCE ONLY
TRANSFER $\phi 0.250$ HOLES FROM D212-725-1-907 SECTION G-G

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL 0.020 (25 GAUGE) SHEET, PER MIL-S-5019 (REF. DART SPEC. M304S25GA)
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) MACHINE PER DRAWING "D212-725-1-A22"

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1 REV. B SHEET 22 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:4
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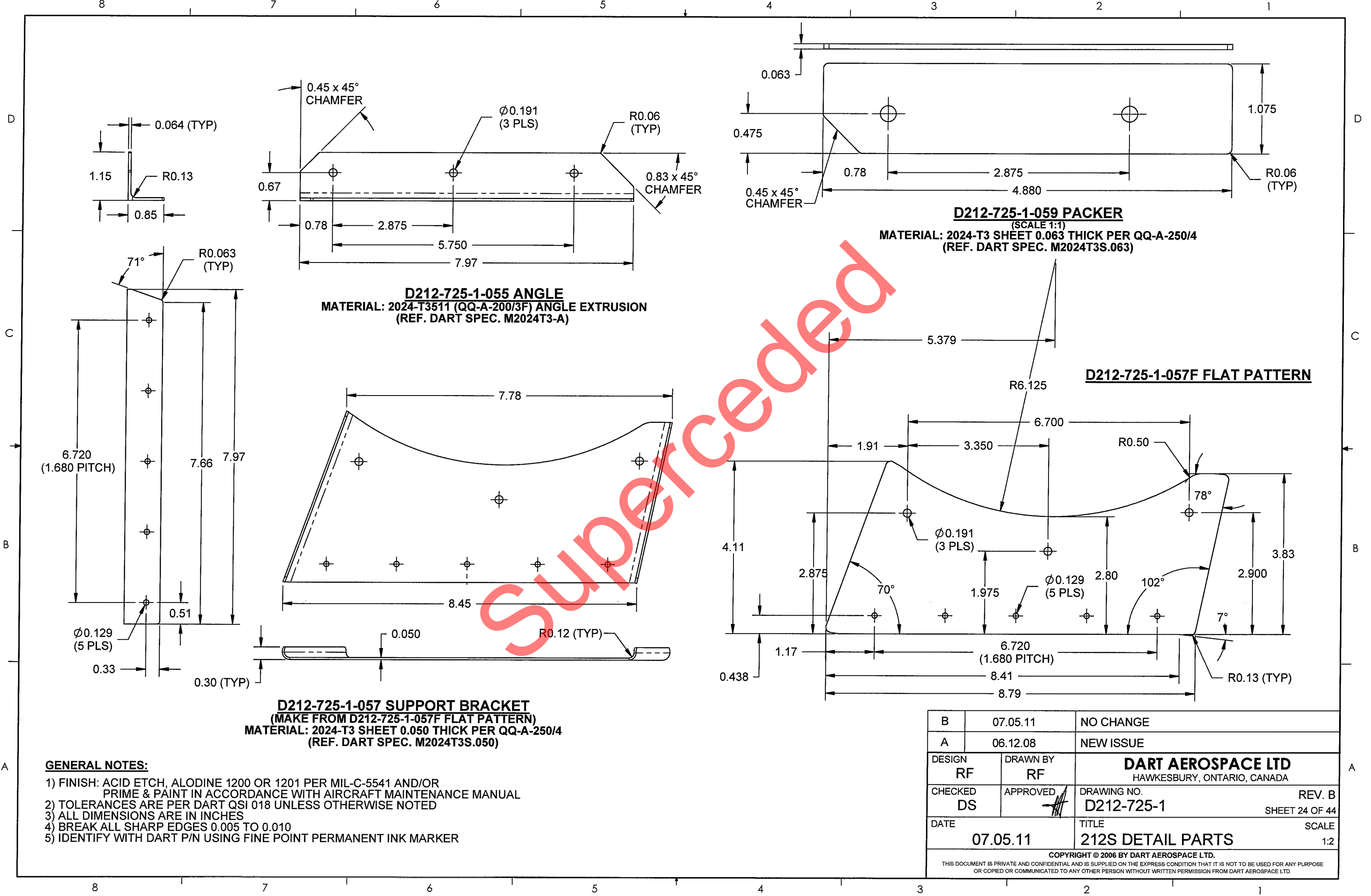
D212-725-1-051 GASKET

D212-725-1-053 GASKET
 DIMENSIONS BETWEEN HOLES ARE PROVIDED FOR REFERENCE ONLY
 TRANSFER $\varnothing 0.129$ HOLES FROM D212-725-1-043/-45 WELDED ASSEMBLY
 TRANSFER $\varnothing 0.250$ HOLES FROM D212-725-1-907 SECTION G-G

NOTES:

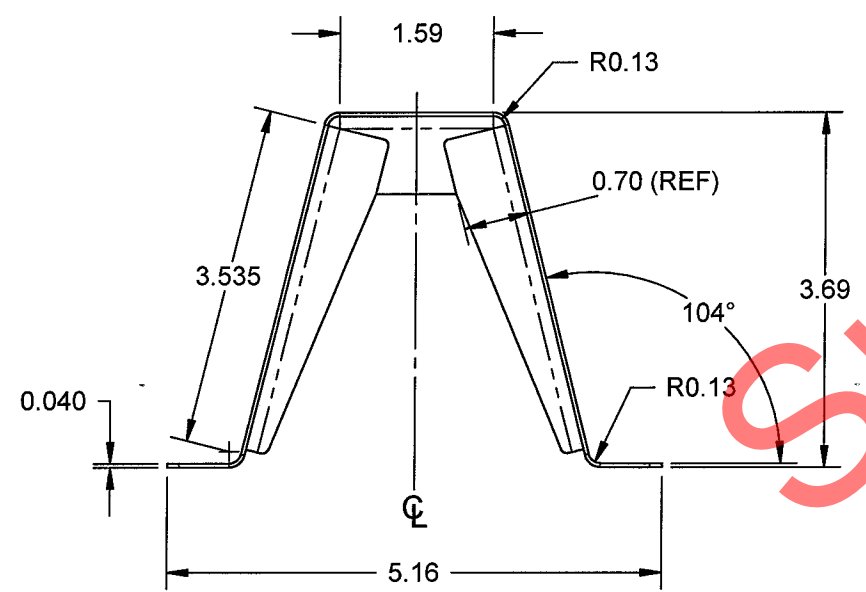
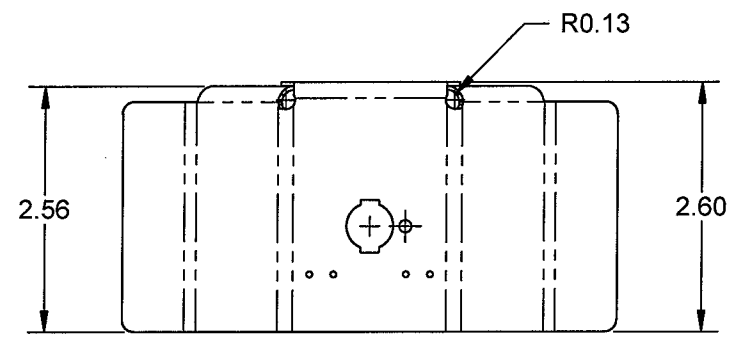
- 1) MATERIAL: THERMO-CHEM P/N G-89
POSSIBLE SUPPLIER: A.R. THOMSON GROUP
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) MACHINE PER DRAWING "D212-725-1-A23"

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 23 OF 44 SCALE 1:2
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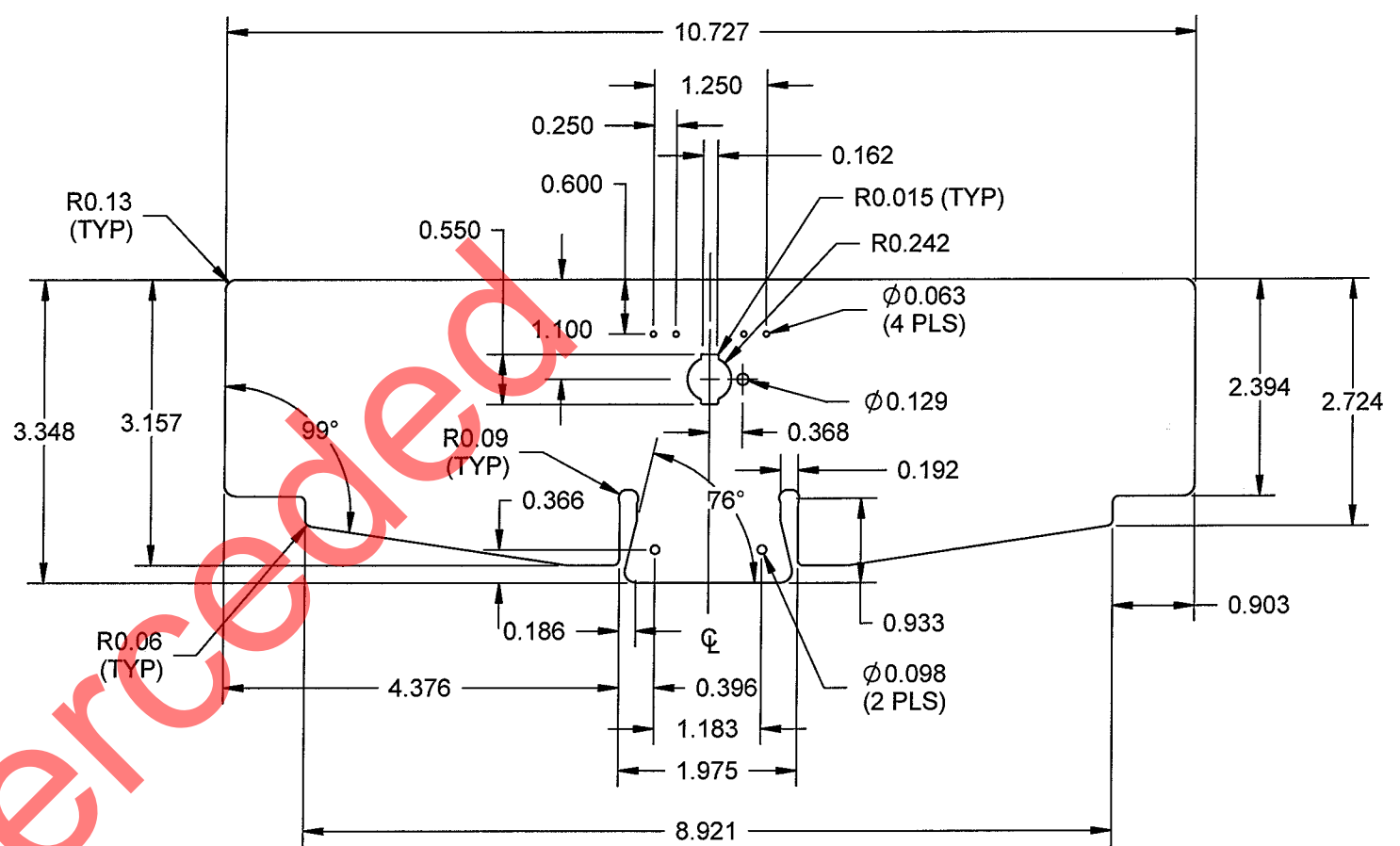
B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 24 OF 44 SCALE 1:2
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TRANSFER $\phi 0.129$ HOLE.
INSTALL MS20470AD4-4 RIVET
(2 PLS)

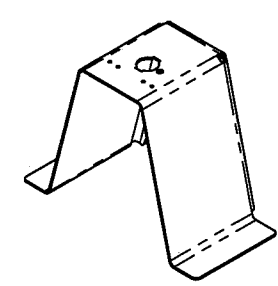


D212-725-1-061 BRACKET
(MAKE FROM D212-725-1-061F FLAT PATTERN)

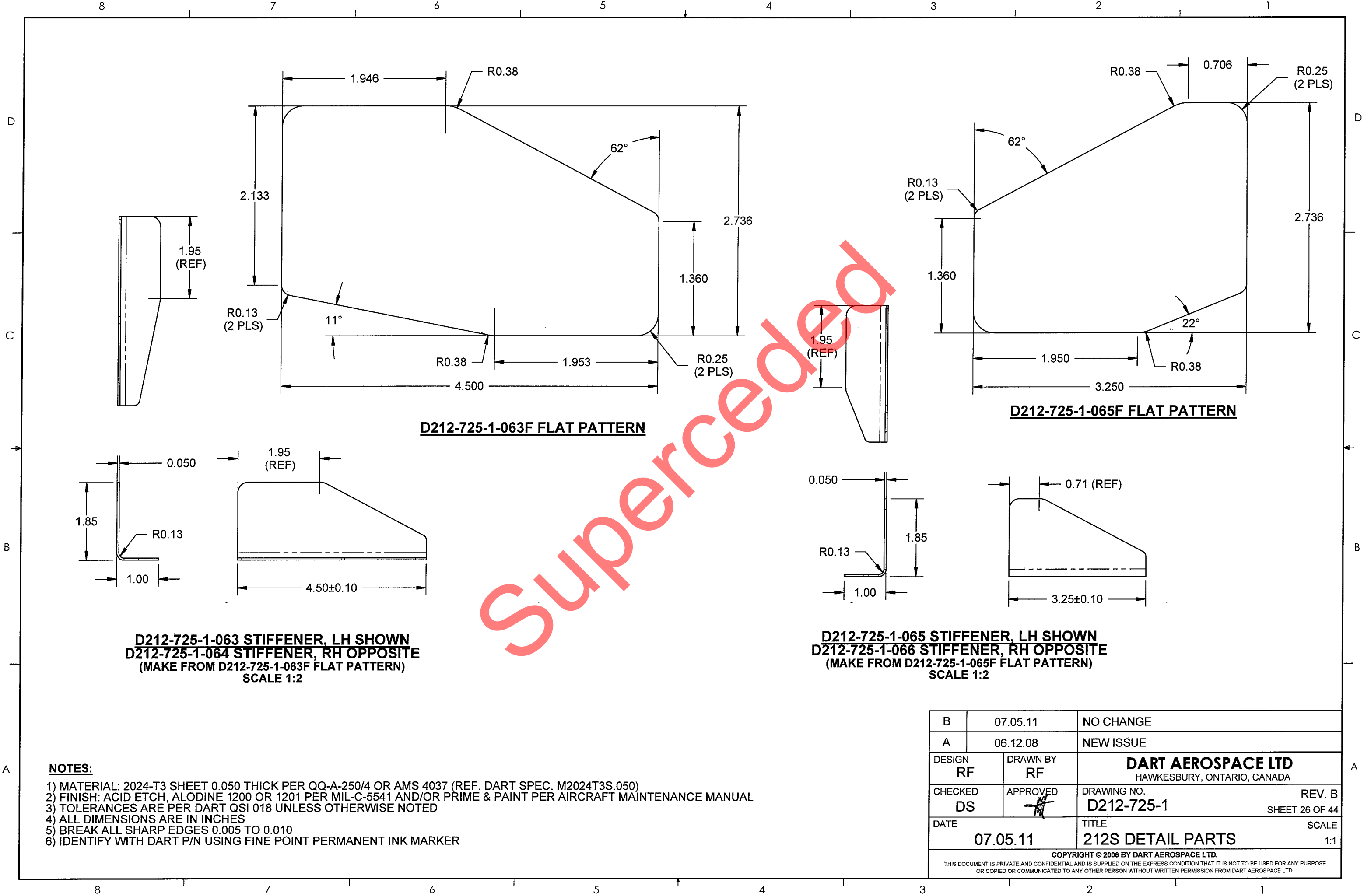
- NOTES:**
- 1) MATERIAL: 2024-T3 SHEET 0.040 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S.040)
 - 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
 - 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) ALL DIMENSIONS ARE IN INCHES
 - 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
 - 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER



D212-725-1-061F FLAT PATTERN



B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 25 OF 44 SCALE 1:2
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D212-725-1-063F FLAT PATTERN

D212-725-1-065F FLAT PATTERN

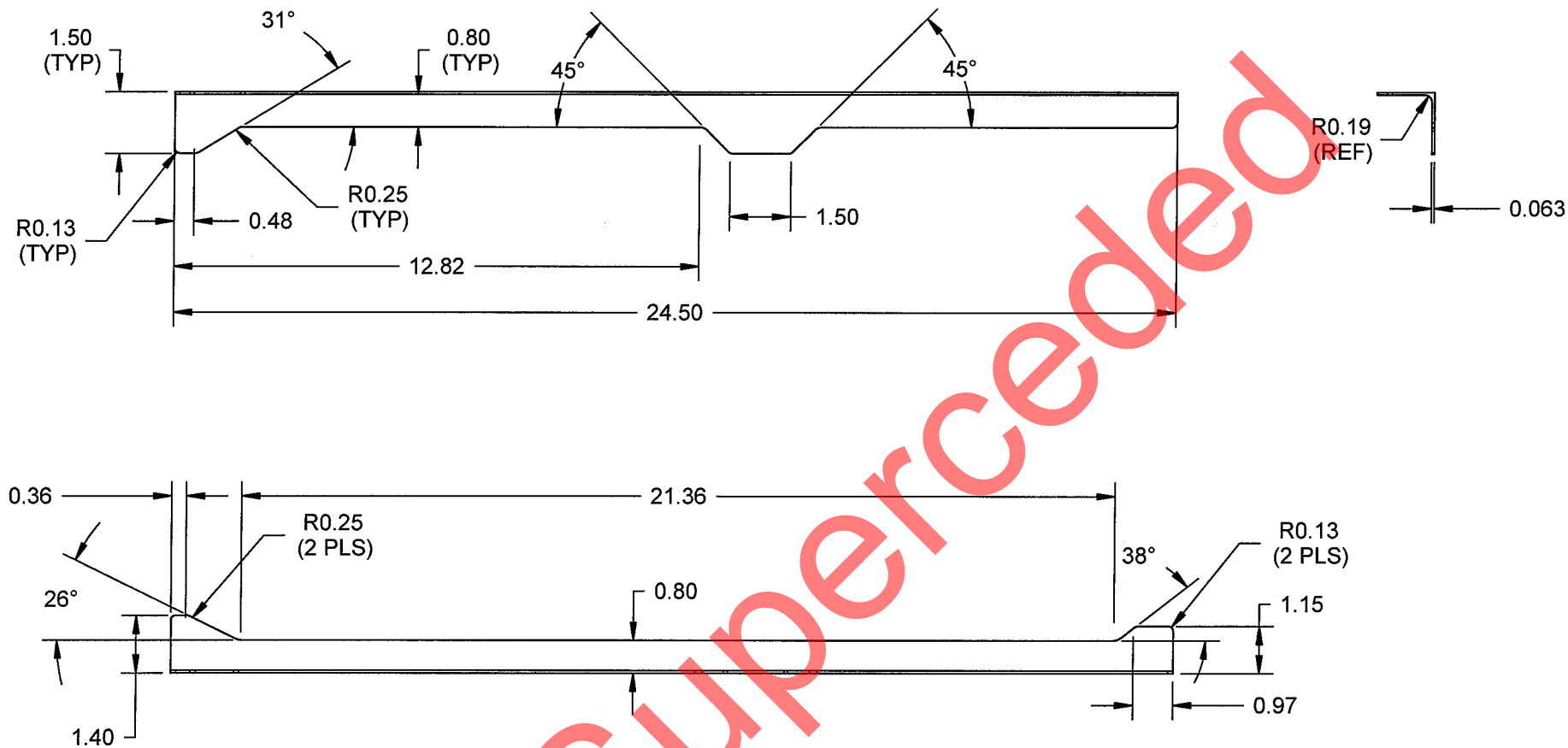
D212-725-1-063 STIFFENER, LH SHOWN
D212-725-1-064 STIFFENER, RH OPPOSITE
(MAKE FROM D212-725-1-063F FLAT PATTERN)
SCALE 1:2

D212-725-1-065 STIFFENER, LH SHOWN
D212-725-1-066 STIFFENER, RH OPPOSITE
(MAKE FROM D212-725-1-065F FLAT PATTERN)
SCALE 1:2

NOTES:

- 1) MATERIAL: 2024-T3 SHEET 0.050 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S.050)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER


B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1 REV. B SHEET 26 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:1
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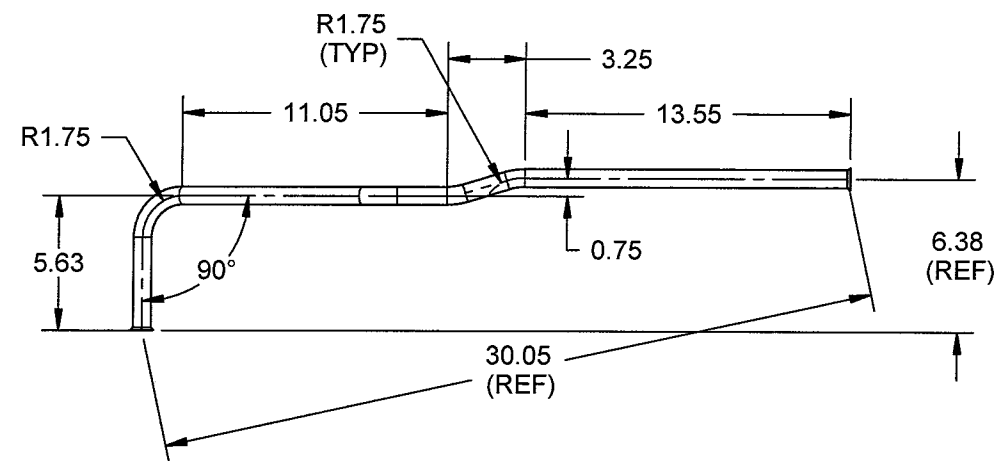


D212-725-1-069 STIFFENER

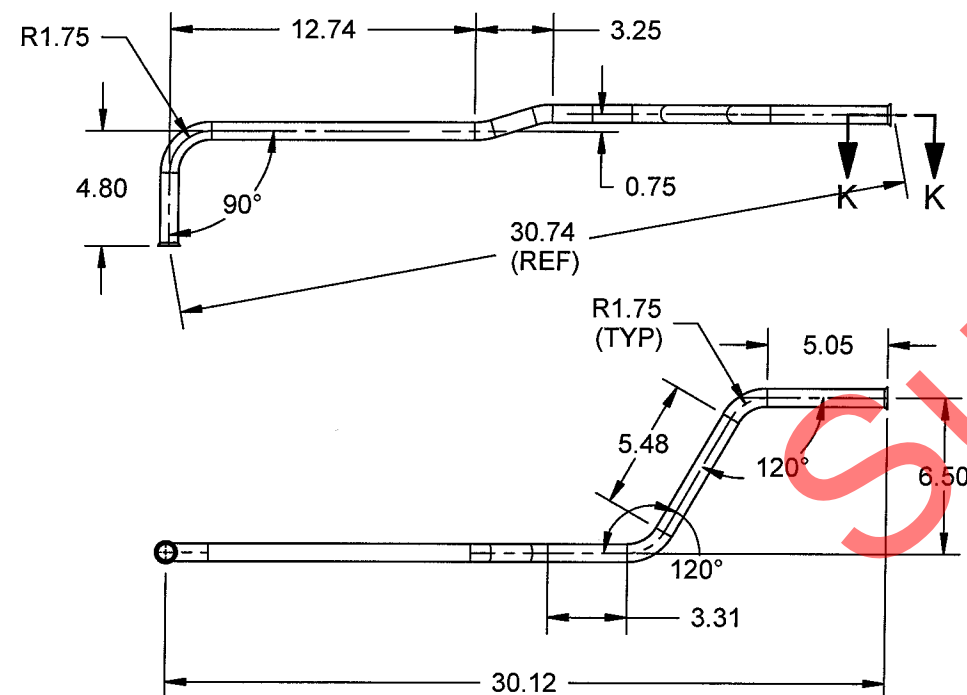
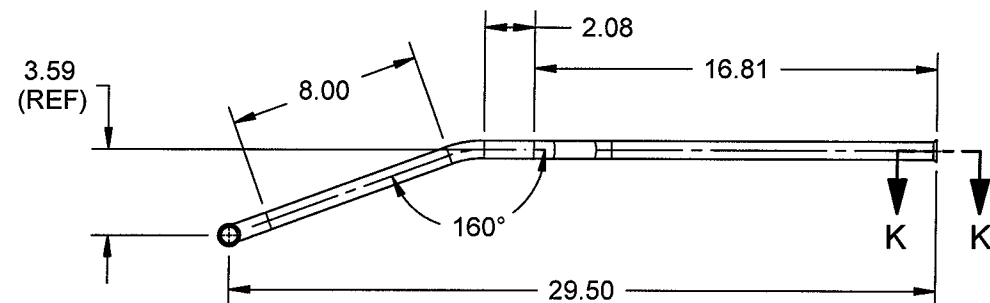
NOTES:

- 1) MATERIAL: 7075-T6 (QQ-A-200/11) ANGLE 0.063 THICK
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

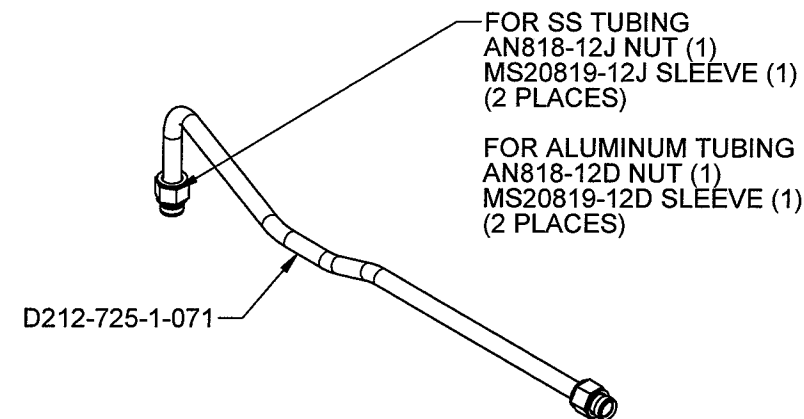
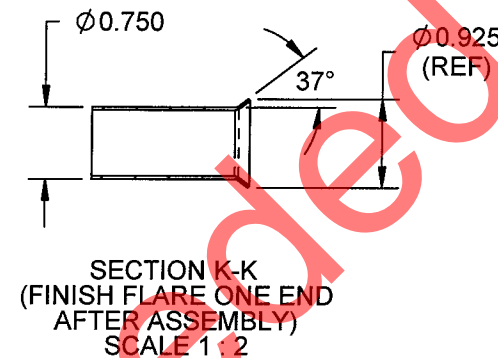
B	07.05.11	NO CHANGE	
A	06.12.08	NEW ISSUE	
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1	REV. B SHEET 27 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS		SCALE 1:4
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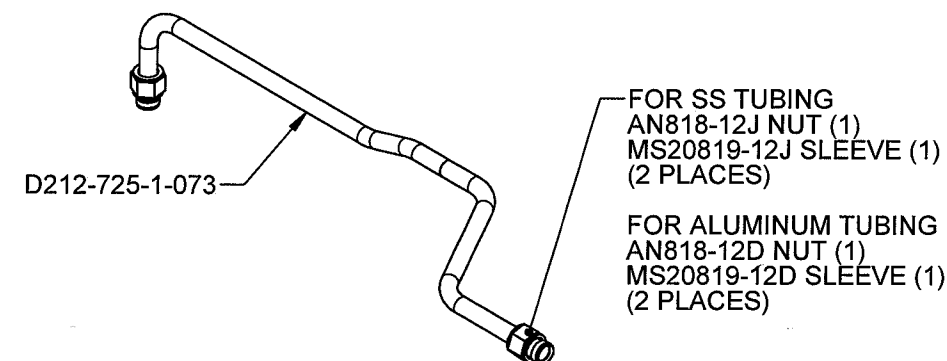
D212-725-1-071 DRAIN TUBING
MANUFACTURE PER TEMPLATE DT8908



D212-725-1-073 DRAIN TUBING
MANUFACTURE PER TEMPLATE DT 8909




D212-725-1-913 DRAIN TUBE ASSY

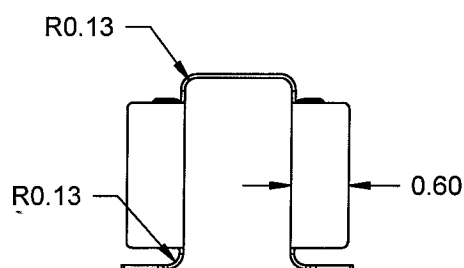
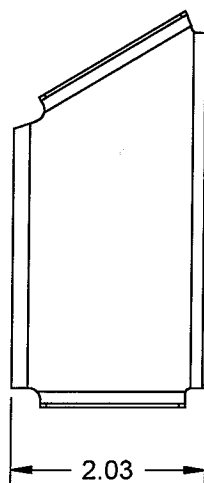
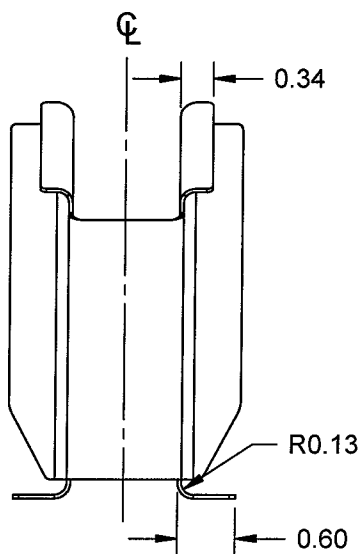
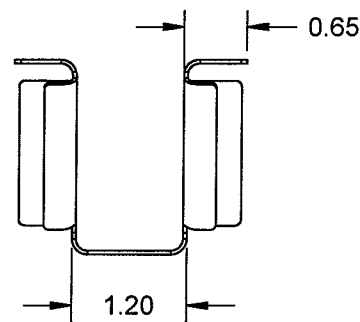


D212-725-1-915 DRAIN TUBE ASSY

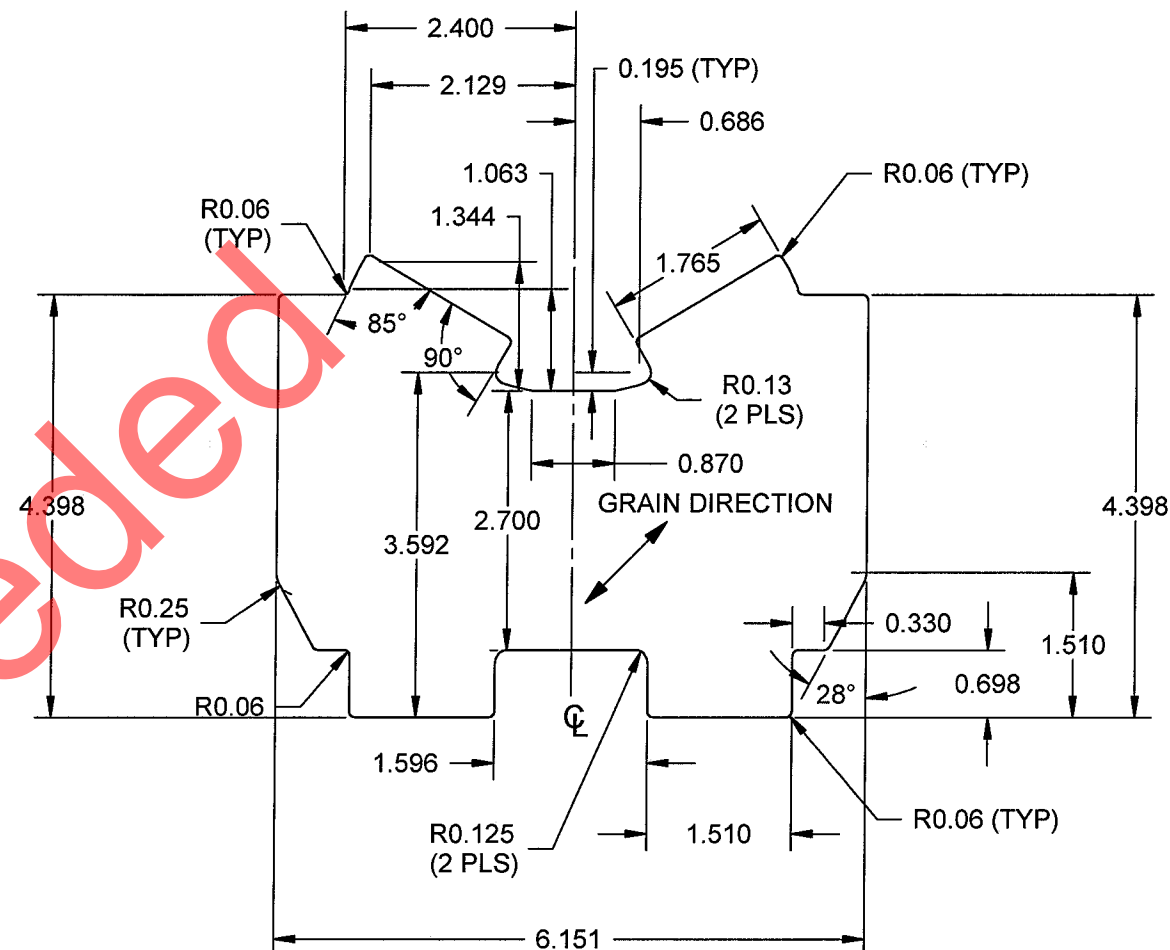
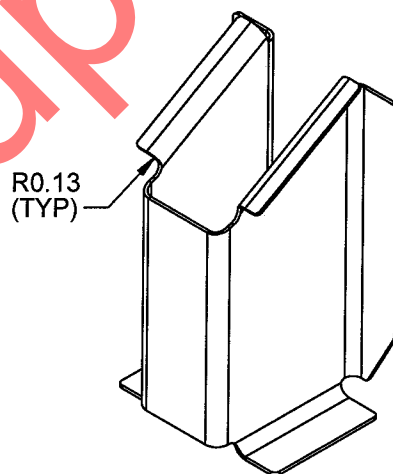
D212-725-1-071/-073:

- 1) MATERIAL: AISI 304/316 SS $\phi 0.750 \times 0.049$ WALL SEAMLESS ROUND TUBING (REF. DART SPEC. M304TR0.750W.049) OR 6061-T6 OR 6061-T62 ALUMINUM TUBING $\phi 0.750 \times 0.035$ WALL (REF. DART SPEC. M6061T6TR0.750W0.035)
- 2) FINISH: FOR ALUMINUM TUBING ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY ASSEMBLY (-913/-915) WITH DART P/N USING FINE POINT PERMANENT INK MARKER

B	07.05.11	ADD NOTE FABRICATE FROM SS	
A	06.12.08	NEW ISSUE	
DESIGN DC	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1	REV. B SHEET 28 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS		SCALE 1:8
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D212-725-1-075 BRACKET
(MAKE FROM D212-725-1-075F FLAT PATTERN)

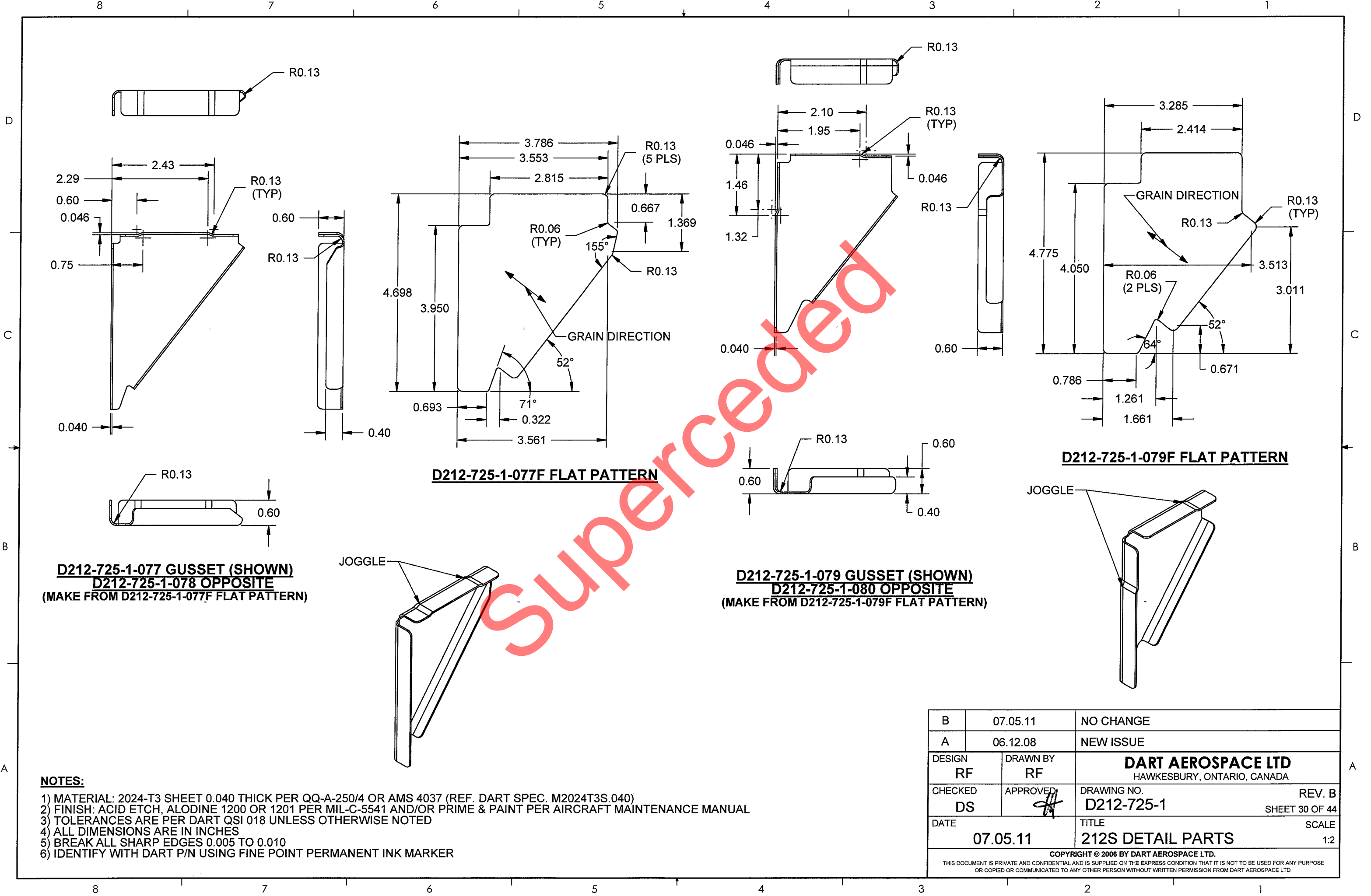


D212-725-1-075F FLAT PATTERN

NOTES:

- 1) MATERIAL: 2024-T3 SHEET 0.040 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S.040)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 29 OF 44 SCALE 1:2
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**D212-725-1-077 GUSSET (SHOWN)
D212-725-1-078 OPPOSITE
(MAKE FROM D212-725-1-077F FLAT PATTERN)**

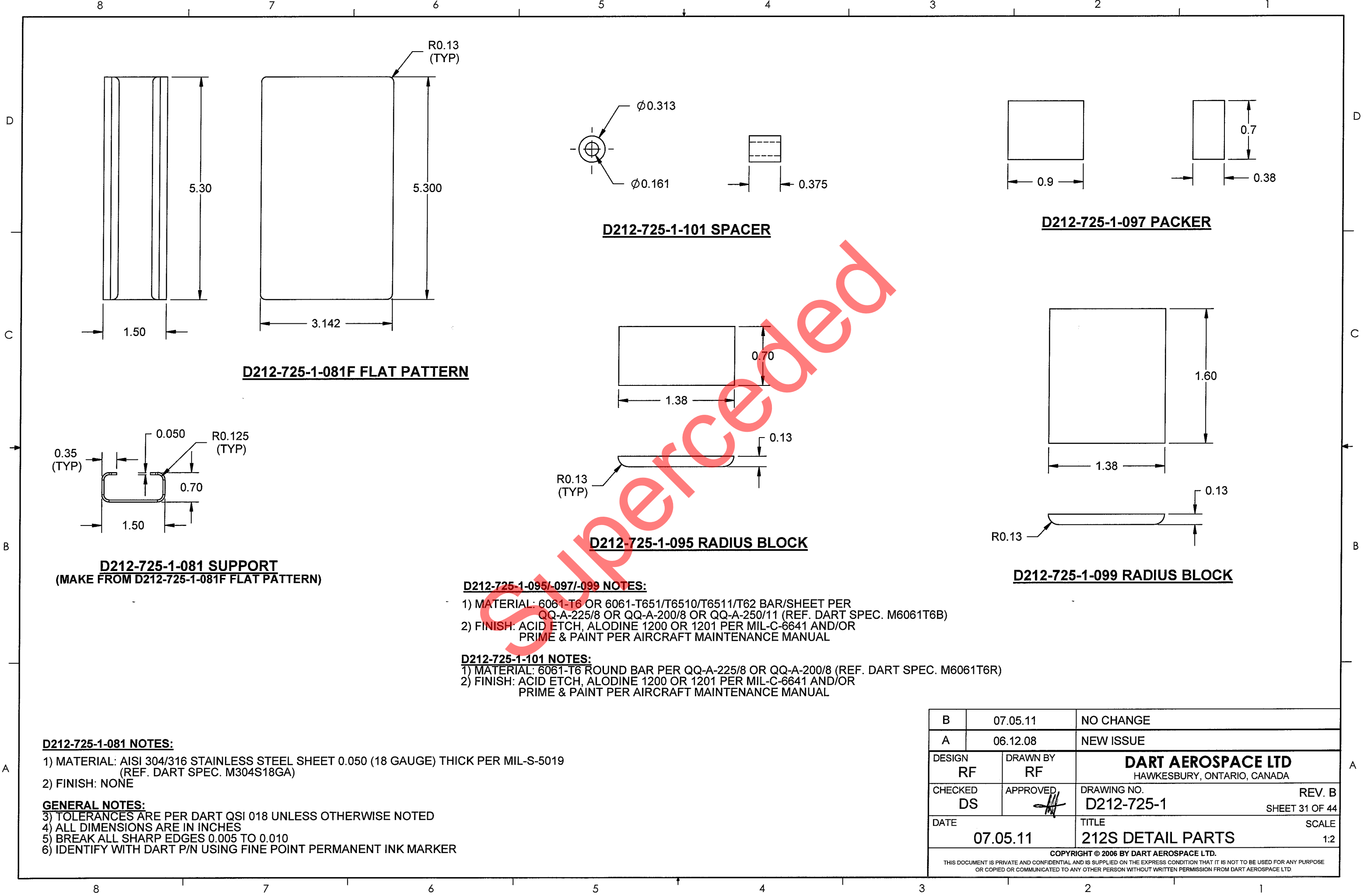
D212-725-1-077F FLAT PATTERN


**D212-725-1-079 GUSSET (SHOWN)
D212-725-1-080 OPPOSITE
(MAKE FROM D212-725-1-079F FLAT PATTERN)**

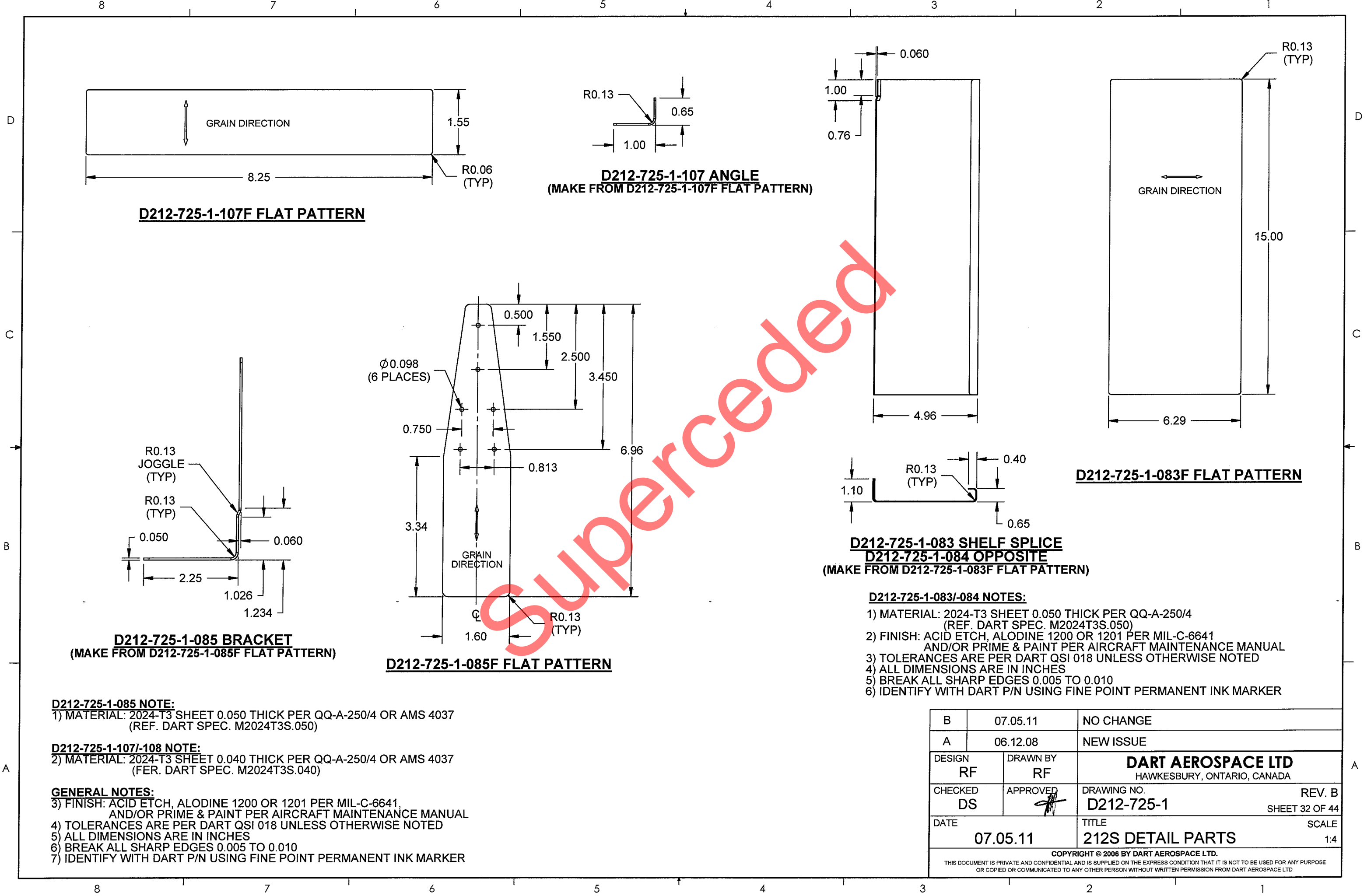
D212-725-1-079F FLAT PATTERN

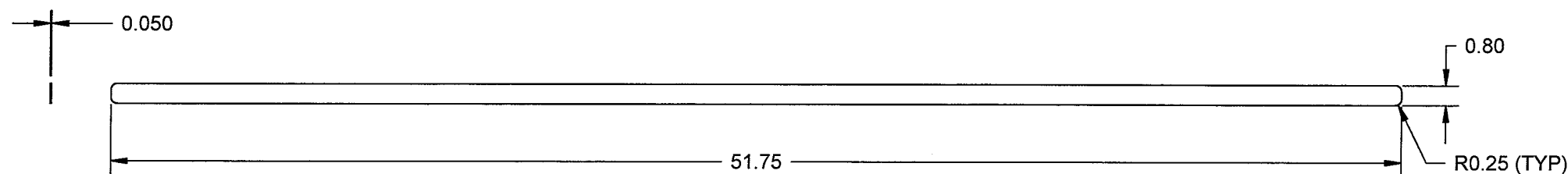
- NOTES:**
- 1) MATERIAL: 2024-T3 SHEET 0.040 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S.040)
 - 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
 - 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) ALL DIMENSIONS ARE IN INCHES
 - 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
 - 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 30 OF 44 SCALE 1:2
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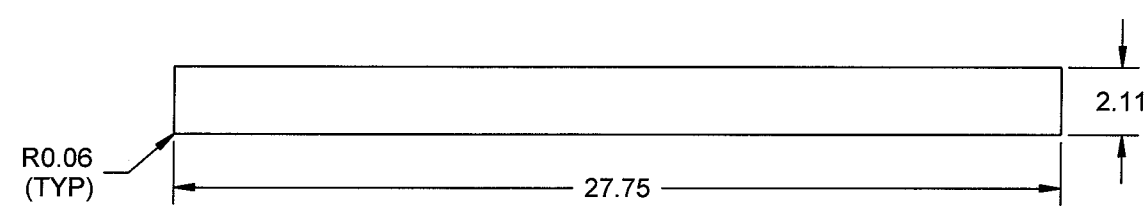


B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 31 OF 44 SCALE 1:2
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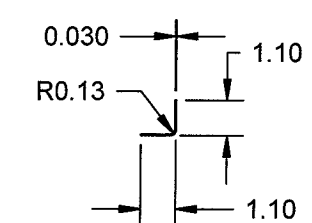




D212-725-1-089 STRAP



D212-725-1-091F FLAT PATTERN

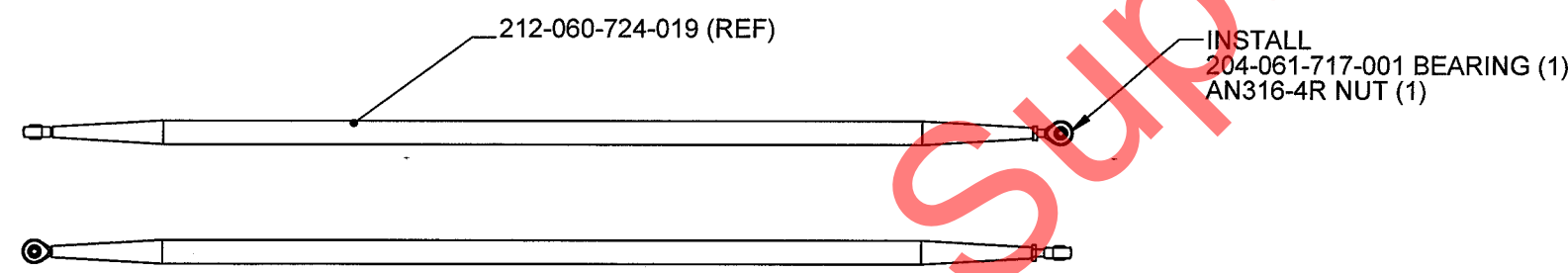


D212-725-1-091 ANGLE
(MAKE FROM D212-725-1-091F FLAT PATTERN)

D212-725-1-089 NOTES:
1) MATERIAL: AISI 304/316 STAINLESS STEEL 0.050 (18 GAUGE) SHEET, PER MIL-S-5019 (REF. DART SPEC. M304S18GA)

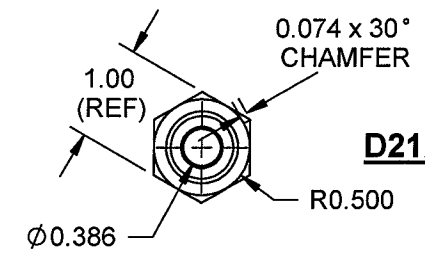
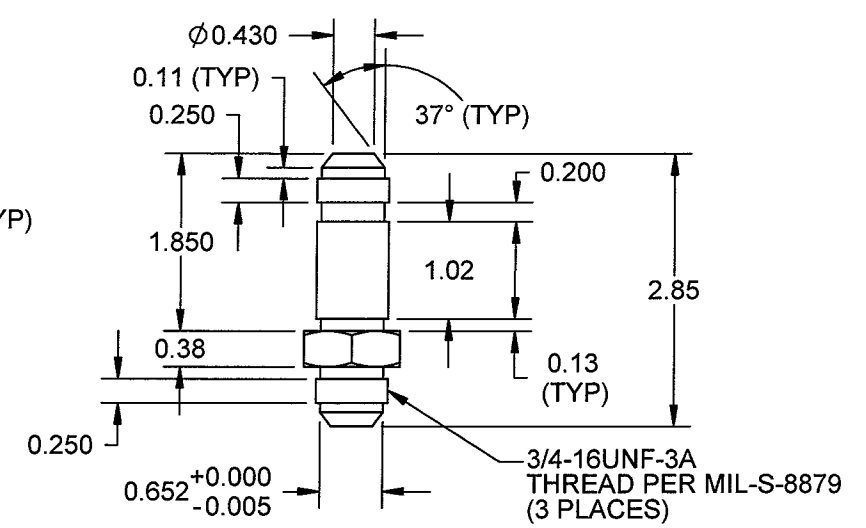
D212-725-1-091 NOTES:
2) MATERIAL: AISI 304/316 STAINLESS STEEL 0.030 (22 GAUGE) SHEET, PER MIL-S-5019 (REF. DART SPEC. M304S22GA)

GENERAL NOTES:
3) FINISH: NONE
4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
5) ALL DIMENSIONS ARE IN INCHES
6) BREAK ALL SHARP EDGES 0.005 TO 0.010
7) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

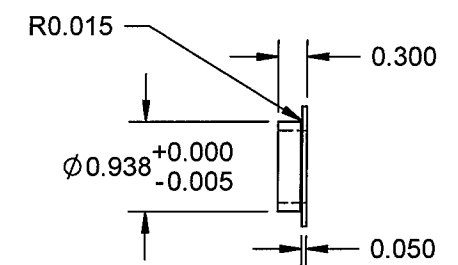
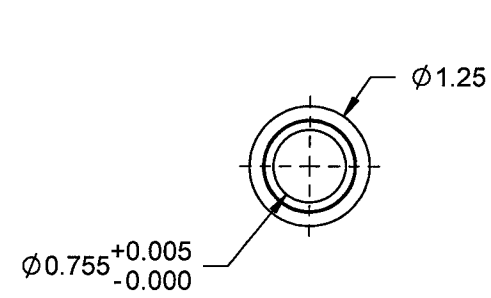


D212-725-1-919 ROD ASSEMBLY
(MADE FROM 212-060-724-019)

D212-725-1-919 NOTES:
1) MATERIAL: MADE FROM 212-060-724-019 TUBE ASSEMBLY
2) FINISH: NONE
3) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER



D212-725-1-093 UNION
(SCALE 1:3)




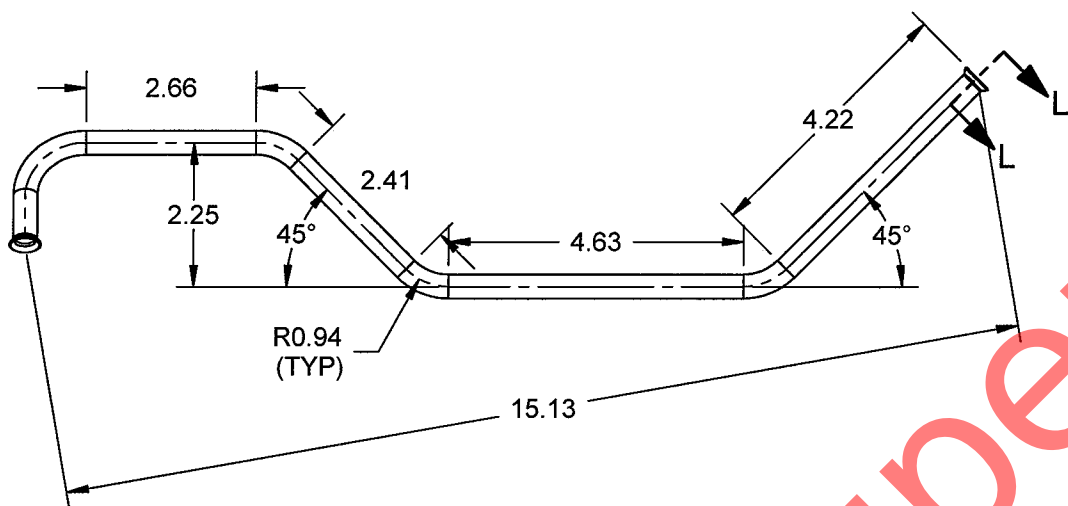
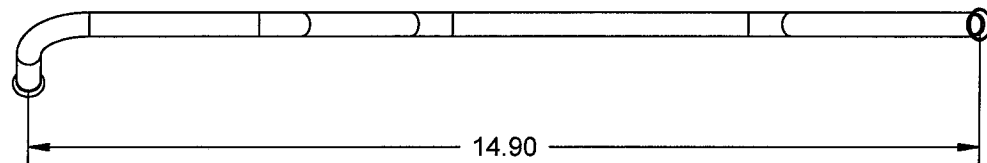
D212-725-1-105 BUSHING
(SCALE 1:3)

D212-725-1-105 BUSHING:
1) MATERIAL: AISI 303/304/316 STAINLESS STEEL ROUND BAR (REF. DART SPEC. M303R)

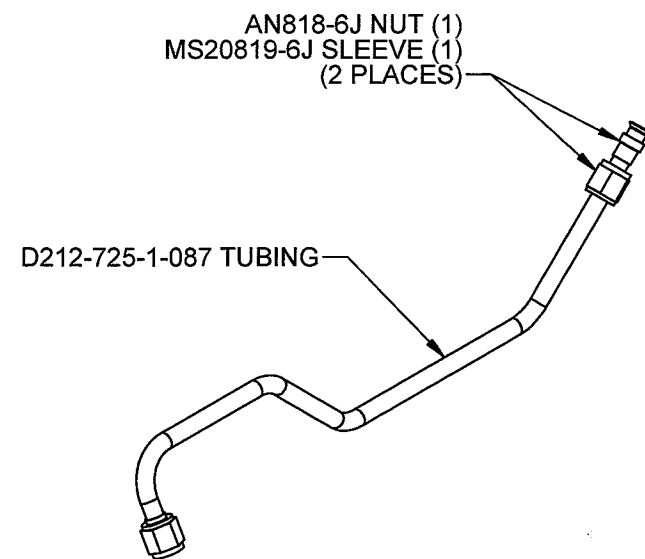
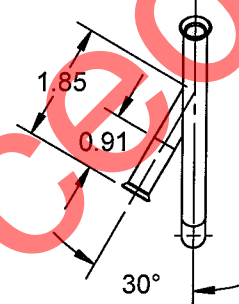
D212-725-1-093 UNION:
2) MATERIAL: AISI 303 STAINLESS STEEL HEX BAR (REF. DART SPEC. M303H)

GENERAL NOTES:
3) FINISH: NONE
4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
5) ALL DIMENSIONS ARE IN INCHES
6) BREAK ALL SHARP EDGES 0.005 TO 0.010
7) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

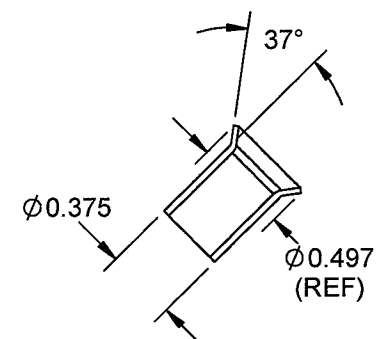
B	07.05.11	D212-725-1-919 WAS D212-725-1-921	
A	06.12.08	NEW ISSUE	
DESIGN DC	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1	REV. B SHEET 33 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:6	
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D212-725-1-087 TUBING
MANUFACTURE PER TEMPLATE DT8910



D212-725-1-917 TUBE ASSEMBLY



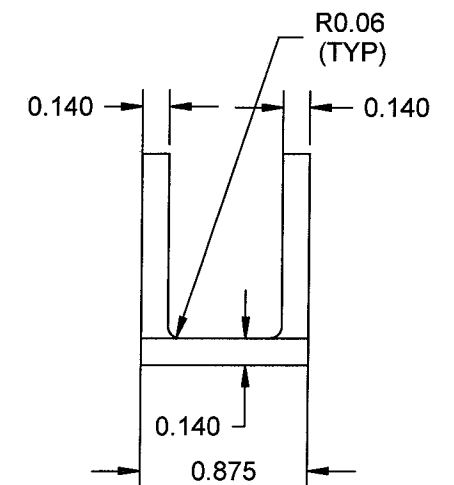
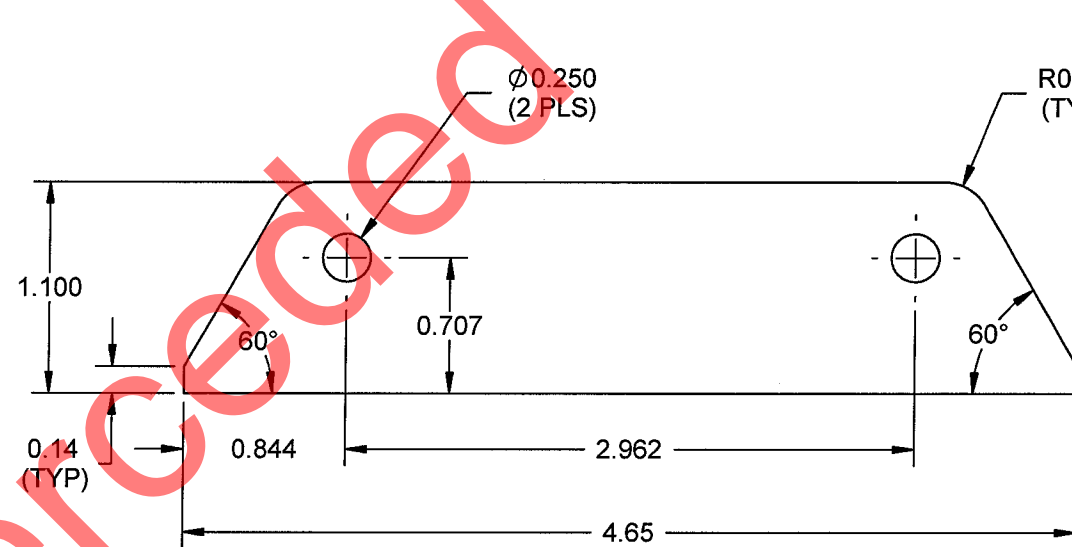
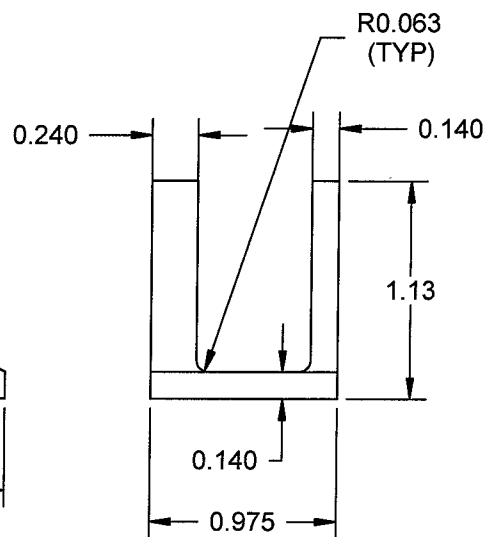
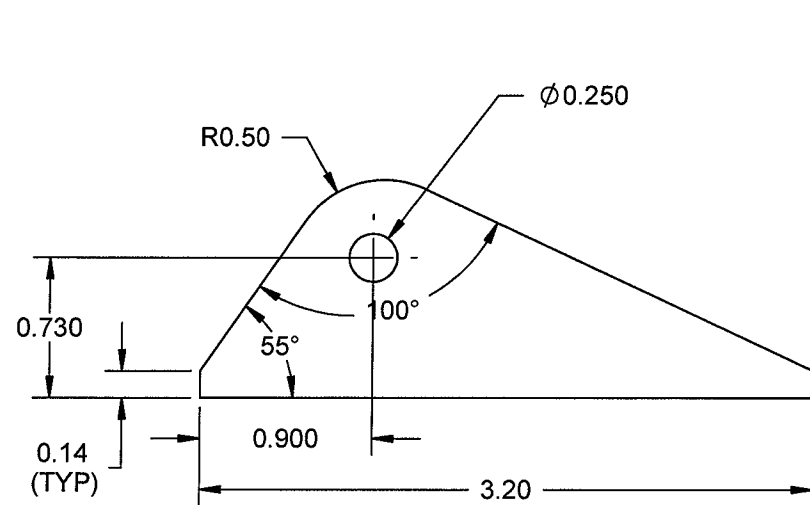
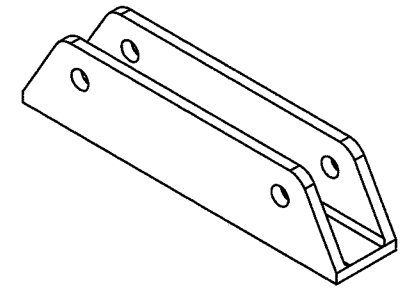
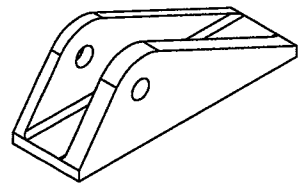
SECTION L-L
(FINISH FLARE ONE END
AFTER ASSEMBLY)
SCALE 1 : 1

NOTES:

- 1) MATERIAL: AISI 304/316 SS $\phi 0.375 \times 0.035$ WALL SEAMLESS ROUND TUBING (REF. DART SPEC. M304TR0.375W.035)
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY WITH DART P/N D212-725-1-917 USING FINE POINT PERMANENT INK MARKER

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN DC	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 34 OF 44 SCALE 1:3
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8 7 6 5 4 3 2 1




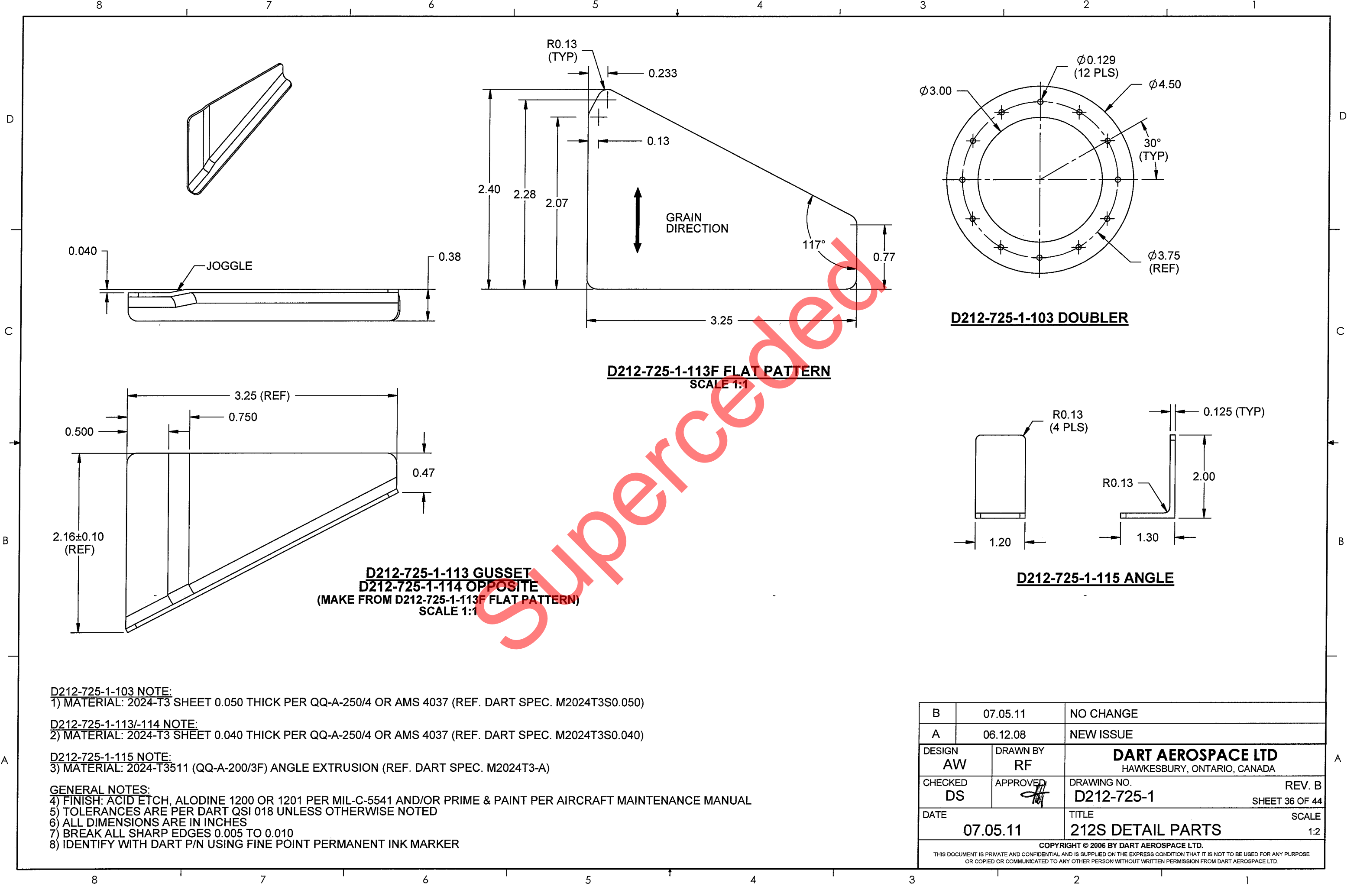
D212-725-1-109 SMALL ENGINE MOUNT
D212-725-1-110 OPPOSITE

D212-725-1-111 LARGE ENGINE MOUNT

D212-725-1-109/-110/-111 NOTES:

- 1) MATERIAL: AISI 4140/4130 STEEL BAR PER MIL-S-5626/-6758 OR AMS 6382/6349/6529 OR AMS 6348/6370/6528 (REF. DART SPEC. M4140N-B OR M4130N-B)
HEAT TREAT TO MIN. ULTIMATE TENSILE STRENGTH = 125 ksi
- 2) FINISH: CADMIUM PLATE PER AMS-QQ-P-416B, CLASS I, TYPE II
PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

B	07.05.11	ADD CAD PLATE	
A	06.12.08	NEW ISSUE	
DESIGN JL	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1	REV. B SHEET 35 OF 44
DATE 07.05.11		TITLE 212S DETAIL PARTS	SCALE 1:1
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B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN AW	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 36 OF 44 SCALE 1:2
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R0.13
(TYP)

3.55

1.04
(TYP)

0.70
(TYP)

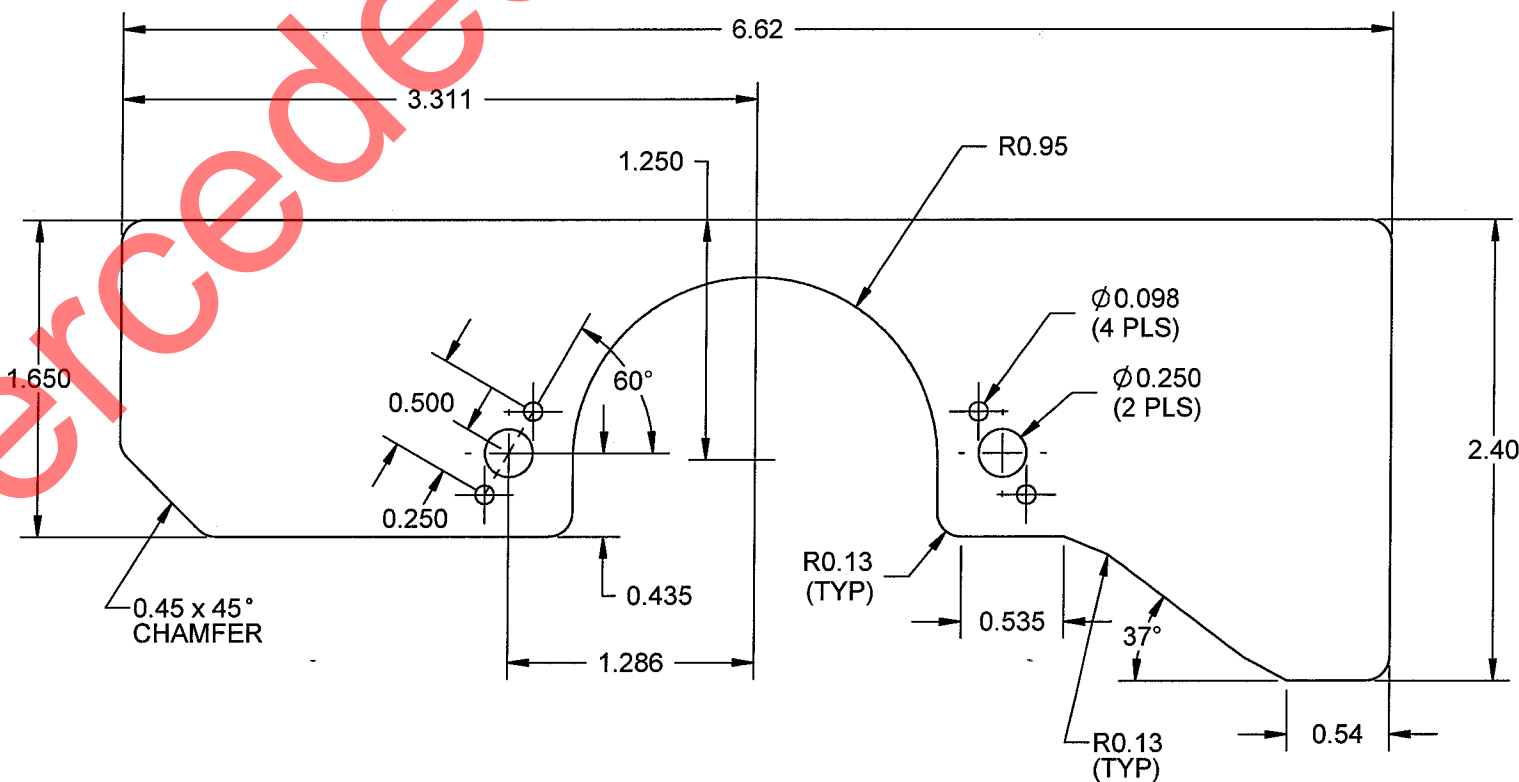
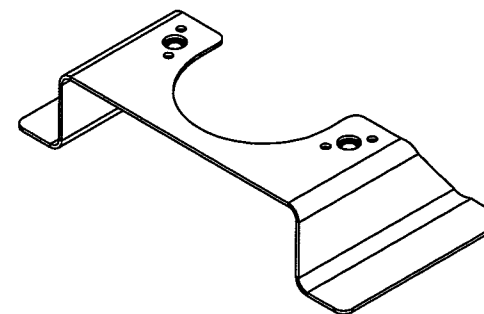
4.87

MS21075L3 NUTPLATE (1)
MS20426AD3 RIVET (2)
(2 PLACES)


D212-725-1-117 FAIRLEAD BRACKET
(MAKE FROM D212-725-1-117F FLAT PATTERN)

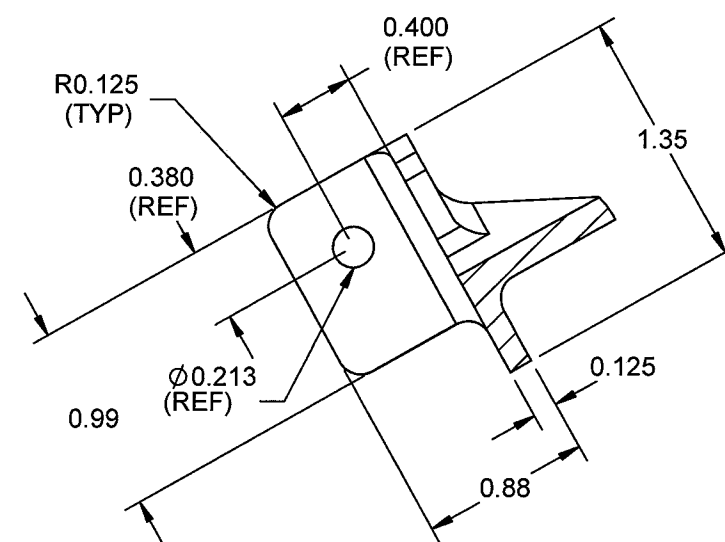
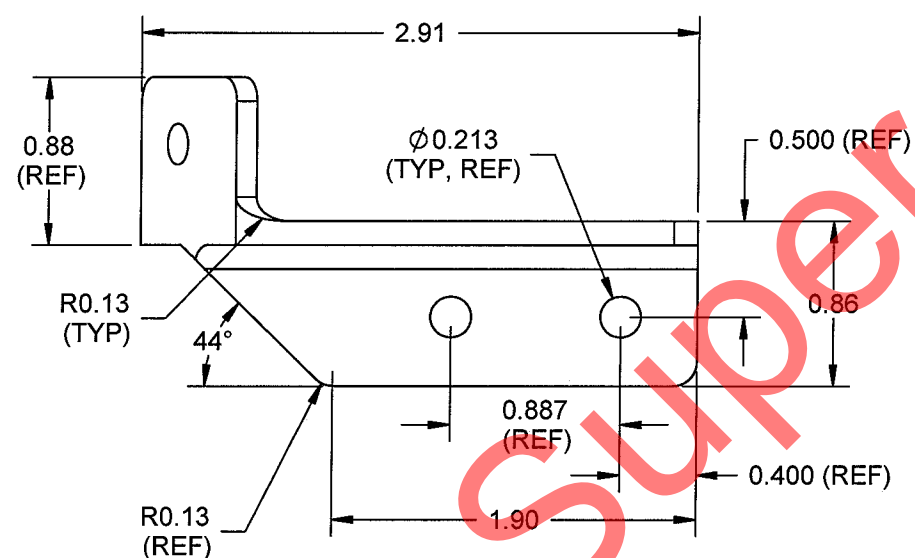
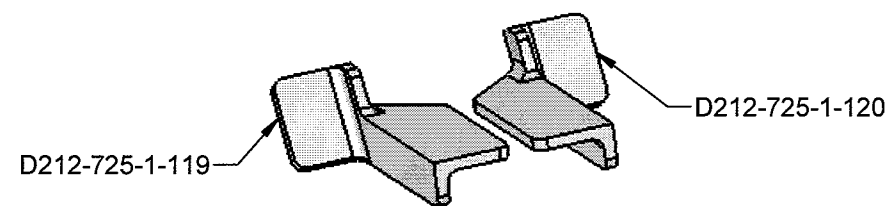
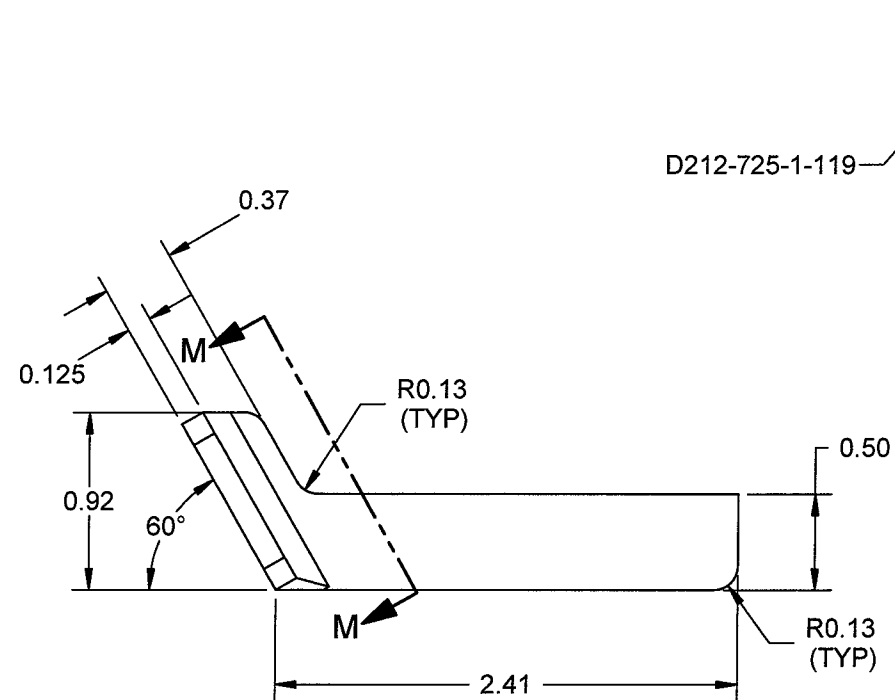
NOTES:

- 1) MATERIAL: 2024-T3 SHEET 0.040 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART M2024T3S.040)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER



D212-725-1-117F FLAT PATTERN

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 37 OF 44 SCALE 1:1
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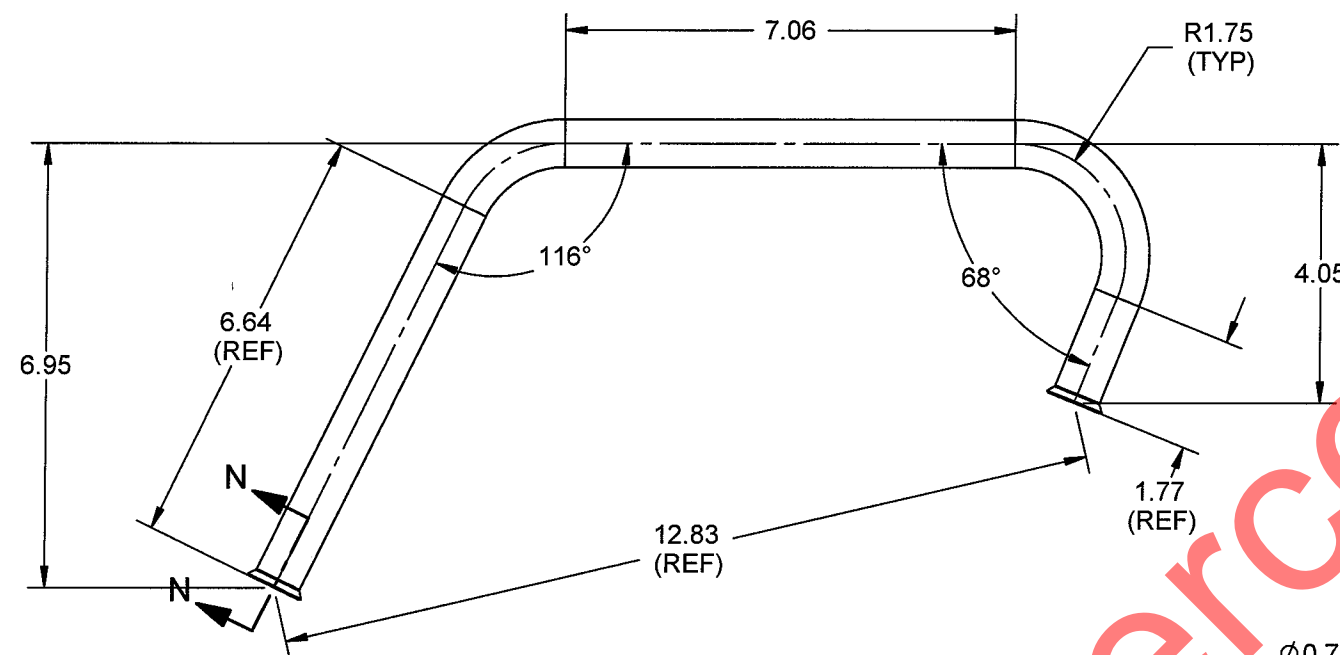
**D212-725-1-119 COWL BRACKET, SHOWN
D212-725-1-120 OPPOSITE
($\phi 0.213$ HOLES TRANSFER FROM AIRCRAFT)**

SECTION M-M

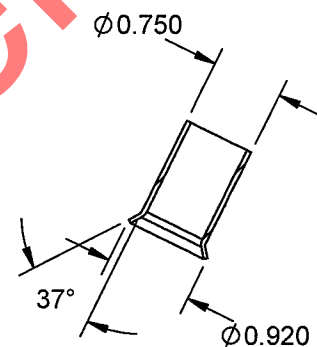
NOTES:

- 1) MATERIAL: 6061-T6 (QQ-A-200/8) OR (QQ-A-225/8) BAR (REF. DART SPEC. M6061T6B)
- 2) FINISH: ACID ETCH ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

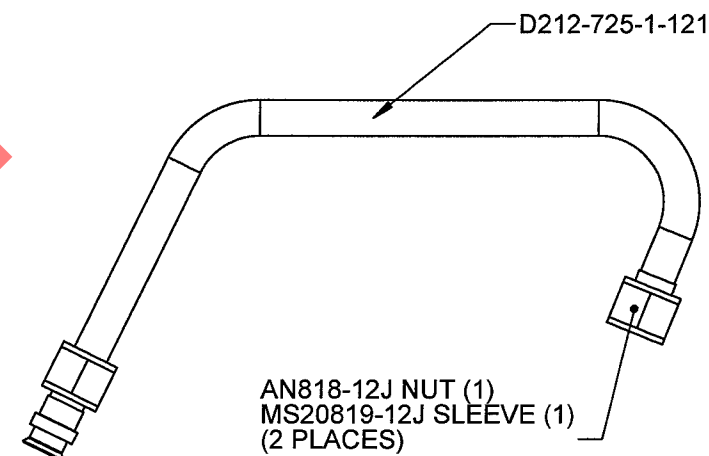
B	07.05.11	ADDED D212-725-1-119/-120	
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1	REV. 1 SHEET 38 OF 44
DATE 07.05.11		TITLE 212S DETAIL PARTS	SCALE 1:
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D212-725-1-121 TUBING
MANUFACTURE PER TEMPLATE DT8911




SECTION N-N
(FINISH FLARE ONE END
AFTER ASSEMBLY)
SCALE 1 : 2

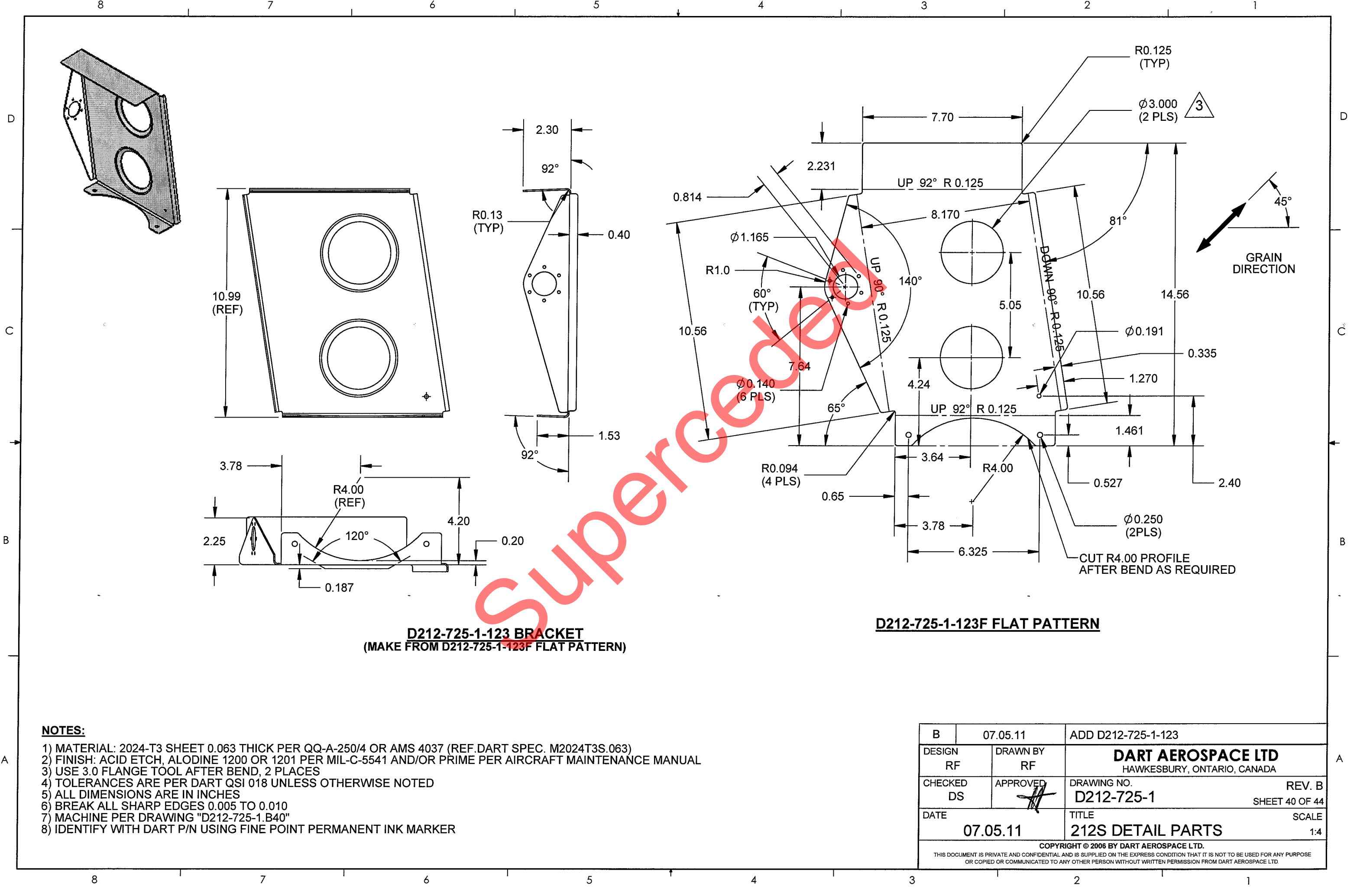


D212-725-1-921 TUBE ASSEMBLY

NOTES:

- 1) MATERIAL: AISI 304/316 SS Ø0.750 x 0.049 WALL SEAMLESS ROUND TUBING (REF. DART SPEC. M304TR0.750W.049)
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY ASSEMBLY WITH DART P/N D212-725-1-921 USING FINE POINT PERMANENT INK MARKER

B	07.05.11	ADD D212-725-1-921	
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1	REV. 1 SHEET 39 OF 40
DATE 07.05.11	TITLE 212S DETAIL PARTS		SCALE 1:1
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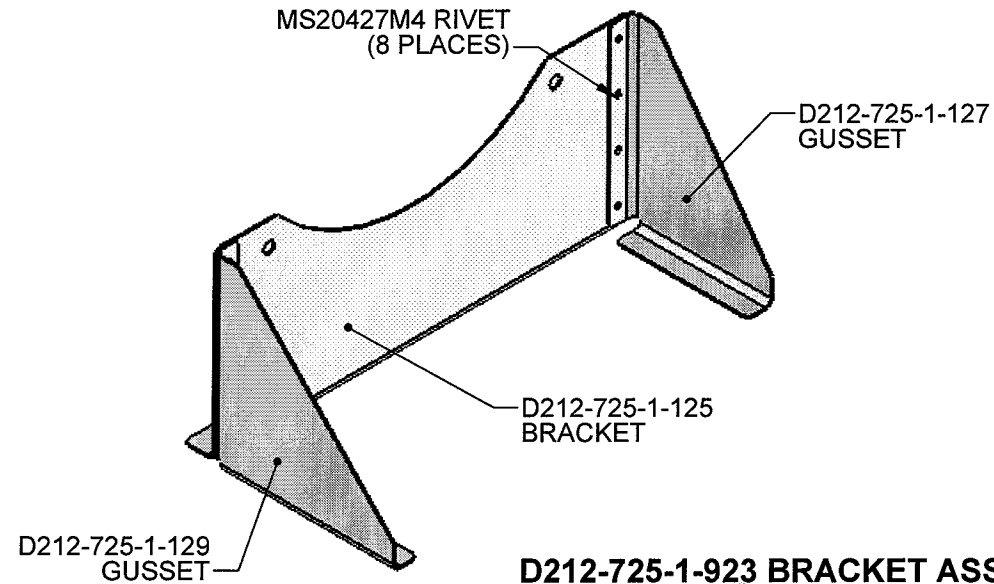


D212-725-1-123 BRACKET
(MAKE FROM D212-725-1-123F FLAT PATTERN)

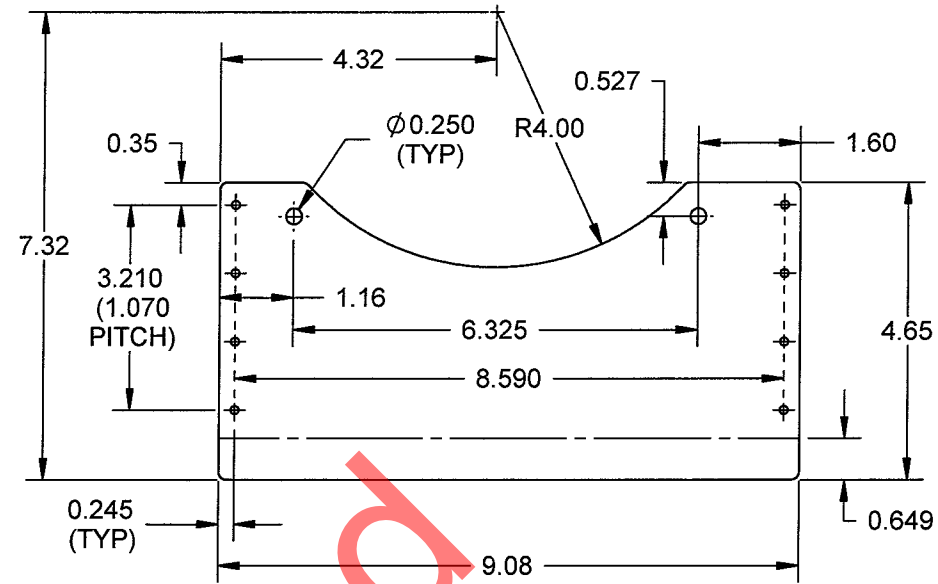
D212-725-1-123F FLAT PATTERN

- NOTES:**
- 1) MATERIAL: 2024-T3 SHEET 0.063 THICK PER QQ-A-250/4 OR AMS 4037 (REF.DART SPEC. M2024T3S.063)
 - 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME PER AIRCRAFT MAINTENANCE MANUAL
 - 3) USE 3.0 FLANGE TOOL AFTER BEND, 2 PLACES
 - 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 5) ALL DIMENSIONS ARE IN INCHES
 - 6) BREAK ALL SHARP EDGES 0.005 TO 0.010
 - 7) MACHINE PER DRAWING "D212-725-1.B40"
 - 8) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

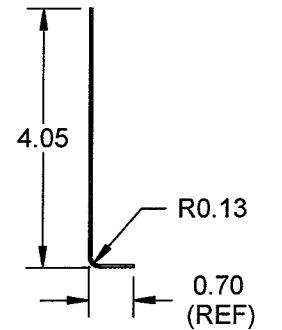
B	07.05.11	ADD D212-725-1-123	
DESIGN RF		DRAWN BY RF	
		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED DS		APPROVED 	DRAWING NO. D212-725-1
			REV. B SHEET 40 OF 44
DATE 07.05.11		TITLE 212S DETAIL PARTS	
		SCALE 1:4	
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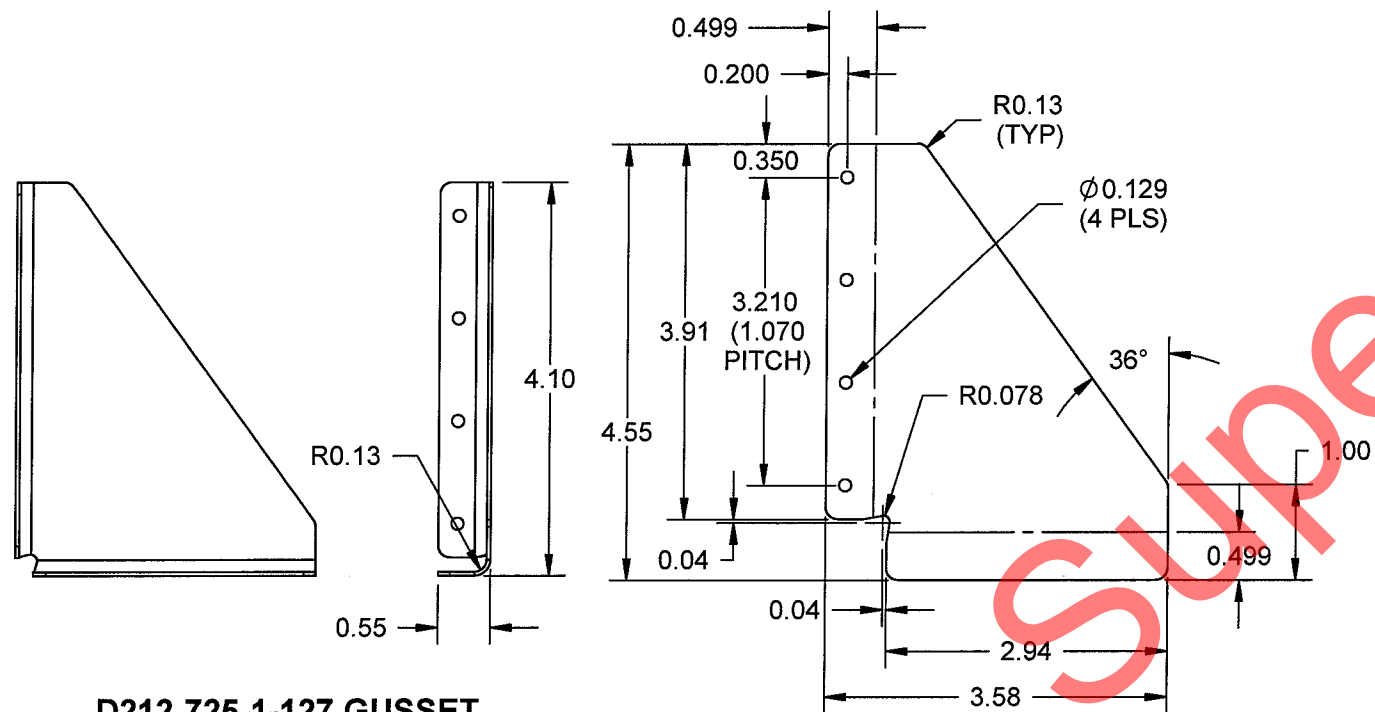
D212-725-1-923 BRACKET ASSEMBLY



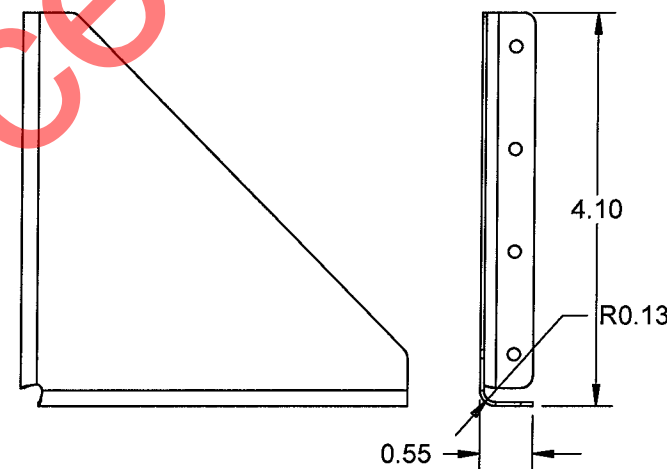
D212-725-1-125F FLAT PATTERN



D212-725-1-125 BRACKET



D212-725-1-127F FLAT PATTERN



D212-725-1-129F FLAT PATTERN

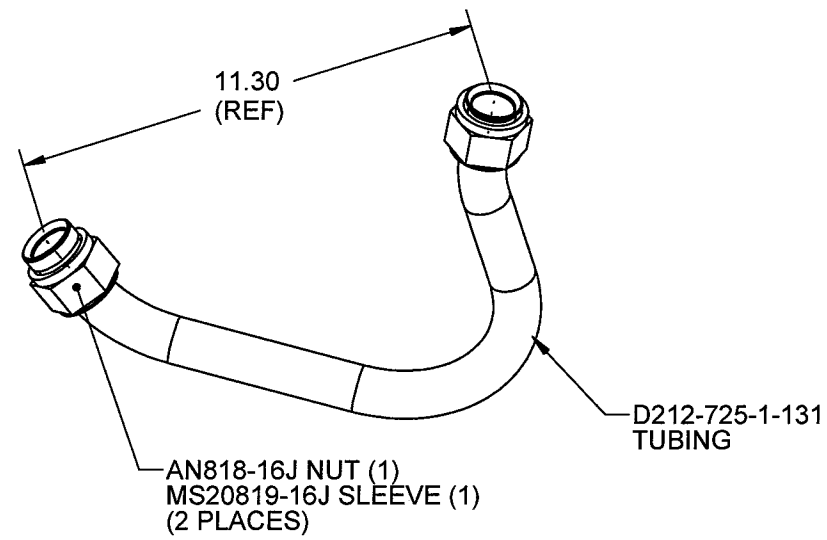
D212-725-1-127 GUSSET

D212-725-1-129 GUSSET

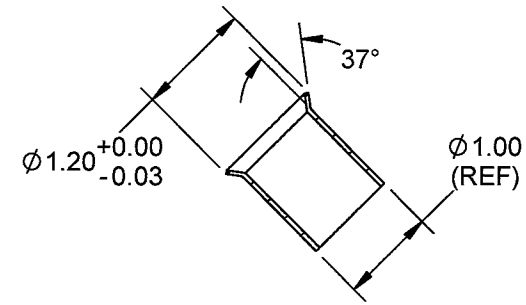
NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET 0.040 (19 GAUGE) THICK PER MIL-S-5019 (REF. DART SPEC. M304S19GA)
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY ASSEMBLY WITH DART P/N D212-725-1-923 USING FINE POINT PERMANENT INK MARKER

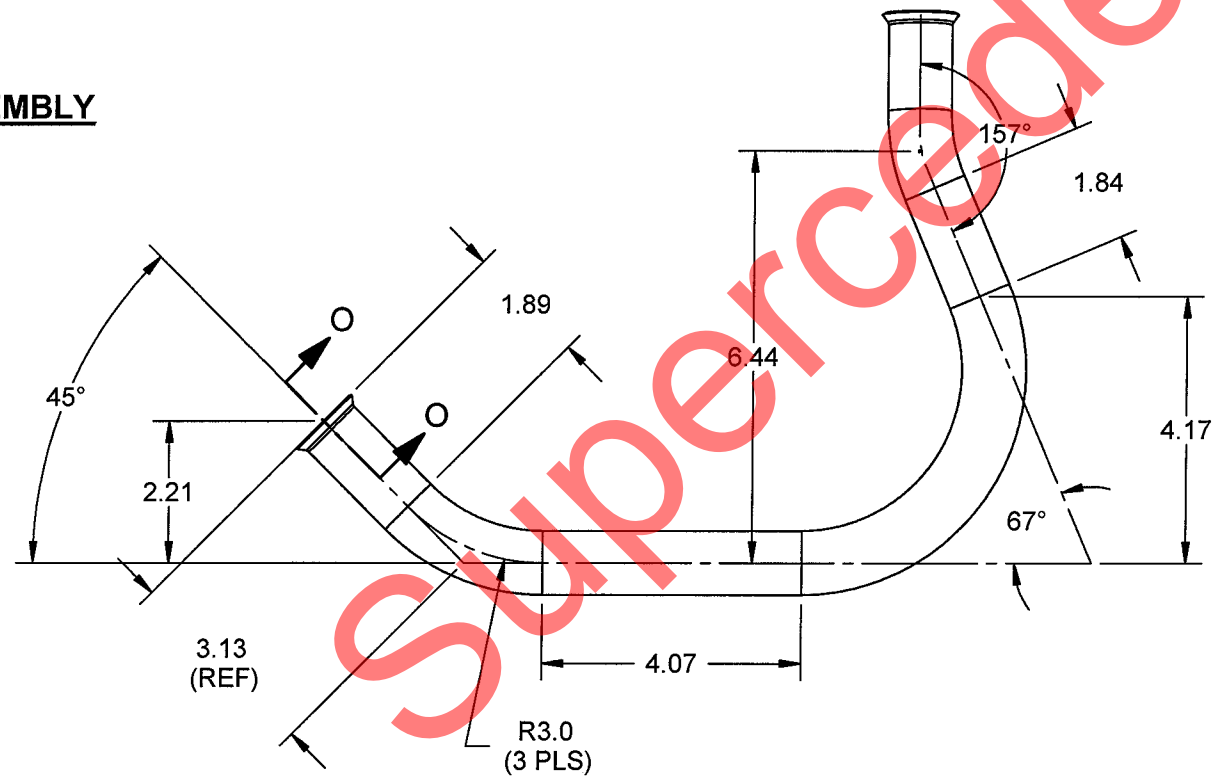
B	07.05.11	ADDED D212-725-1-125/-127/-129-923	
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1	REV. B SHEET 41 OF 44
DATE 07.05.11		TITLE 212S DETAIL PARTS	SCALE 1:2
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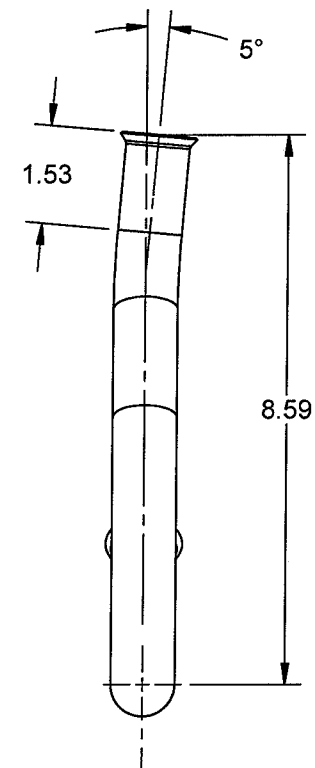
D212-725-1-925 TUBE ASSEMBLY



**SECTION O-O
SCALE 1:2
(FINISH FLARE ONE END
AFTER ASSEMBLY)**



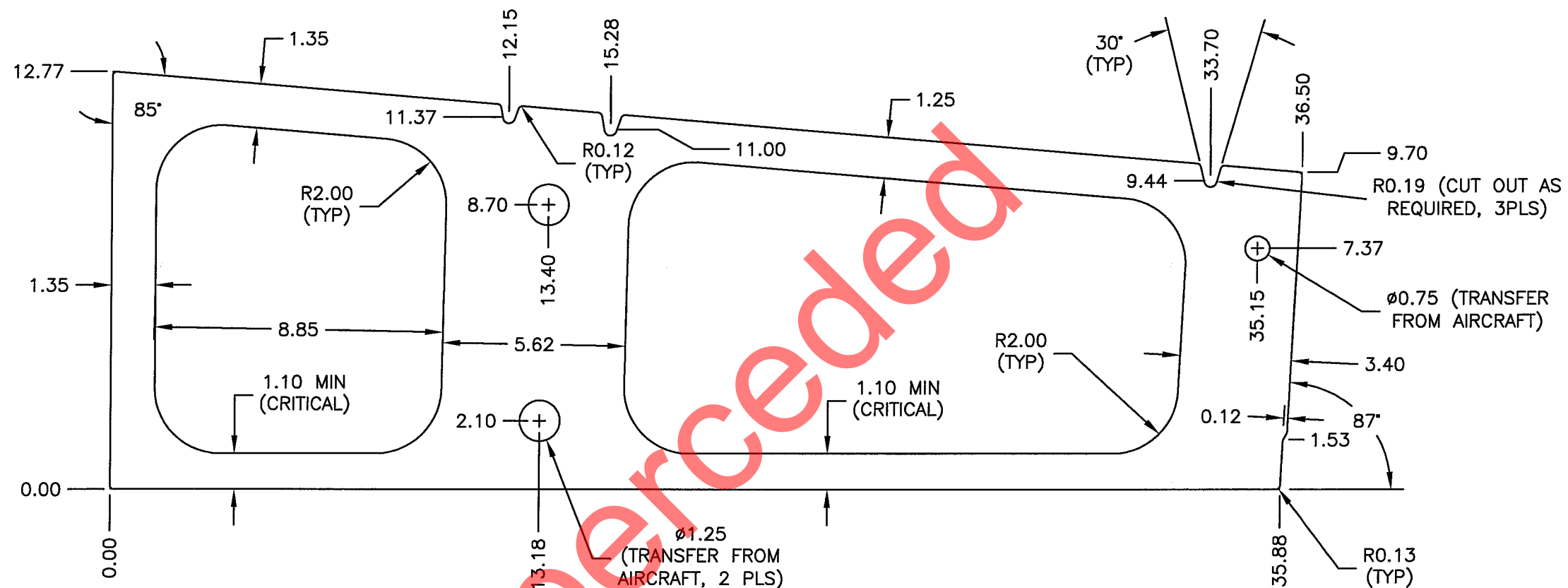
**D212-725-1-131 TUBING
MANUFACTURE PER TEMPLATE DT8912**



NOTES:

- 1) MATERIAL: AISI 304/316 SS \varnothing 1.00 X 0.049 WALL SEAMLESS ROUND TUBING (REF. DART SPEC. M304TR1.000W.049)
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY WITH DART P/N D212-725-1-925 USING FINE POINT PERMANENT INK MARKER


B	07.05.11	ADDED D212-725-1-131	
DESIGN DC	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1	REV. B SHEET 42 OF 44
DATE 07.05.11		TITLE 212S DETAIL PARTS	SCALE 1:3
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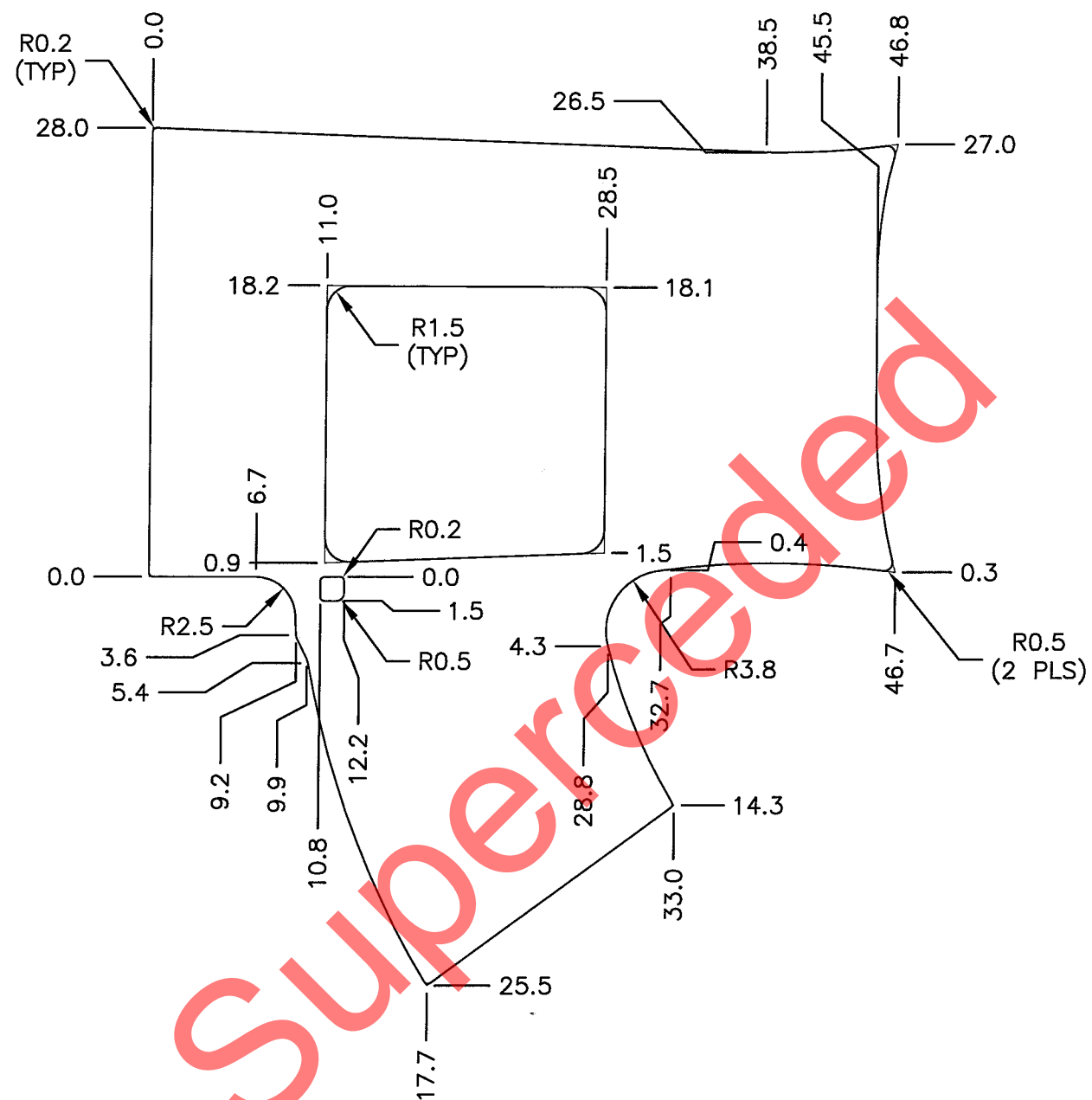


D212-725-1-133 DOUBLER
ALL DIMENSIONS ARE REFERENCE EXCEPT AS NOTED
LAYOUT USING TEMPLATE

NOTES:

- 1) MATERIAL: 7075-T6 OR 7075-T62 (QQ-A-250/13) 0.050 ALUMINUM SHEET (REF. DART SPEC. M7075T6S0.050)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

B	07.05.11	ADDED D212-725-1-133
DESIGN DS	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 43 OF 44 SCALE 1:4




D212-725-1-135 DOUBLER

LAYOUT USING TEMPLATE & FORM PER AIRCRAFT CONTOUR
ALL DIMENSIONS ARE REFERENCE

NOTES:

- 1) MATERIAL: 2024-T3 (QQ-A-250/5) 0.071 ALUMINUM SHEET (REF. DART SPEC. M2024T3S0.071)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

B	07.05.11	ADDED D212-725-1-135	
DESIGN DS	DRAWN BY RF	DART	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1	REV. B SHEET 44 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS		SCALE NTS